Harvard T.H. Chan School of Public Health Course Catalog Preview

Division of Biological Science

Subject: Biological Science

Biological Science 205 Section: 1

Biological Sciences Seminars (190157)

Zachary Nagel
Barbara Burleigh

2022 Fall (5 Credits)		**Schedule:**	MW 0230 PM - 0359 PM
Instructor Permissions:	None	**Enrollment Cap:**	n/a

Faculty present seminars on their current research in the biological sciences and direct a student discussion of the logic and experimental design of this research. Topics include chemical and viral carcinogenesis, DNA damage and repair, immunology, molecular biology, metabolism, cardiovascular disease, parasitology, and how these areas apply to public health issues.

Course Note: Required for first-year students in the DBS/BPH program.

Class Notes:	**This class meets in Building 2, Room 102 (MET conference room).**
Requirements:	**Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Biostatistics

Subject: Biostatistics

Biostatistics 201 Section: 1

Introduction to Statistical Methods (190012)

Paul Catalano

2022 Fall (5 Credits)		**Schedule:**	TR 0345 PM - 0515 PM
Instructor Permissions:	None	**Enrollment Cap:**	125

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: **Course is mutually exclusive with BST202, 203, 206, 207, 208, and ID201. You may not take both this course and any of those courses.**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
HSPH: Indpt. Study / Research	NO

Biostatistics 201LAB Section: 1

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2022 Fall (0 Credits)		**Schedule:**	R 0530 PM - 0700 PM
Instructor Permissions:	None	**Enrollment Cap:**	25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

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All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: **Students are required to enroll in both BST 201 and BST 201LAB.**

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt

Biostatistics 201LAB Section: 2

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2022 Fall (0 Credits) **Schedule:** R 0530 PM - 0700 PM

Instructor Permissions: None **Enrollment Cap:** 26

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

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All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: **Students are required to enroll in both BST 201 and BST 201LAB.**

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement

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Biostatistics 201LAB Section: 3

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2022 Fall (0 Credits) **Schedule:** F 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

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All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: **Students are required to enroll in both BST 201 and BST 201LAB.**

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement

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Biostatistics 201LAB Section: 4

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2022 Fall (0 Credits) **Schedule:** F 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 24

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
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PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: **Students are required to enroll in both BST 201 and BST 201LAB.**

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement

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Biostatistics 201LAB Section: 5

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2022 Fall (0 Credits) **Schedule:** F 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

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All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: **Students are required to enroll in both BST 201 and BST 201LAB.**

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
Course Evaluation	Course Evaluation Exempt

eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 201LAB Section: 6

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2022 Fall (0 Credits) **Schedule:** R 0530 PM - 0700 PM

Instructor Permissions: None **Enrollment Cap:** 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

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SM2: Global Health and Population (GHP)
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PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: **Students are required to enroll in both BST 201 and BST 201LAB.**

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement

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Biostatistics 210 Section: 1

Applied Regression Analysis (190025)

Erin Lake

2022 Fall (5 Credits) **Schedule:** TR 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 75

Topics include model interpretation, model building, and model assessment for linear regression with continuous outcomes, logistic regression with binary outcomes, and proportional hazards regression with survival time outcomes. Specific topics include regression diagnostics, confounding and effect modification, goodness of fit, data transformations, splines and additive models, ordinal, multinomial, and conditional logistic regression, generalized linear models, overdispersion, Poisson regression for rate outcomes, hazard functions, and missing data. The course will provide students with the skills necessary

to perform regression analyses and to critically interpret statistical issues related to regression applications in the public health literature.

Class Notes:	**THIS CLASS HAS PRIORITY ENROLLMENT** **Priority Wave Groups** **Wave 1 | BIO SM60 / BIO SM2 / CBQG SM2** **Wave 2 | EPI SM2 / EPI SM1 / DrPH / EH PhD PHS / EH SM2 / HDS SM60 & Wave 1** **Wave 3 | Open Enrollment** **---** **Priority Wave Timing** **Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM** **Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM** **Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)** **Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)** ****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**
Requirements:	**Prerequisite: ID201 or BST201 or (BST202 and BST203) or (BST206 and (BST207 or 208))**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 213 Section: 1

Applied Regression for Clinical Research (190028)

E. Orav

2022 Fall (5 Credits)		**Schedule:**	MW 0800 AM - 0930 AM
Instructor Permissions:	None	**Enrollment Cap:**	125

This course will introduce students involved with clinical research to the practical application of multiple regression analysis. Linear regression, logistic regression and proportional hazards survival models will be covered, as well as general concepts in model selection, goodness-of-fit, and testing procedures. Each lecture will be accompanied by a data analysis using SAS and a classroom discussion of the results. The course will introduce, but will not attempt to develop the underlying likelihood theory. Background in SAS programming ability required.

Course Notes:
1) Lab or section times to be announced at first meeting.

Formerly BIO213

Requirements: **Prerequisite: ID201 or BST201 or (BST202 & BST203) or [BST206 & (BST207 or BST208)]. Concurrent enrollment allowed.**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Biostatistics 219 Section: 1

Core Principles of Data Science (220088)

Heather Mattie

2022 Fall (5 Credits) **Schedule:** MW 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 65

Modern technology has led to the generation of unprecedented amounts of data, prompting the need to train researchers to leverage data for decision-making in public health and medicine. This course assumes no prior R or programming knowledge and serves as a gentle, practical introduction to wrangling, visualizing, and modeling data using the R statistical programming language. We also emphasize the importance of reproducible research and effective data science communication.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course

Biostatistics 222 Section: 1

Basics of Statistical Inference (190039)

Rui Duan

2022 Fall (5 Credits) **Schedule:** TR 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 75

This course will provide a basic, yet thorough introduction to the probability theory and mathematical statistics that underlie many of the commonly used techniques in public health research. Topics to be covered include probability distributions (normal, binomial, Poisson), means, variances and expected values, finite sampling distributions, parameter estimation (method of moments, maximum likelihood), confidence intervals, hypothesis testing (likelihood ratio, Wald and score tests). All theoretical material will be motivated with problems from epidemiology, biostatistics, environmental health and other public health areas. This course is aimed towards second year doctoral students in fields other than Biostatistics.

Background in algebra and calculus required.

Course Prerequisites: BST210 or BST213 or PHS2000A&B

Course Note: Lab or section times to be announced at first meeting.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups
Wave 1 | BIO SM60, BIO SM1, BIO SM2, HDS SM60, CBQG SM2
Wave 2 | DrPH, Nutritional EPI, Public Health Nutrition & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Prerequisite: BST210 or BST213 or PHS 2000A&B**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Biostatistics 227 Section: 1

Introduction to Statistical Genetics (190044)

Martin Aryee
Sharon Lutz

2022 Fall (2.5 Credits) **Schedule:** MW 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 40

This course introduces students to the diverse statistical methods used throughout the process of statistical genetics. Topics covered include the basic molecular biology underpinnings of genetics, principles from population genetics, family-based and population-based association testing, genome wide association studies, expression QTL (eQTL) analysis and epigenome-wide association studies. Instructors

use ongoing research to illustrate basic principles. Weekly homeworks supplement reading, course lectures, discussion and section. Relevant concepts in genetics and molecular genetics will be reviewed in lectures and labs. The emphasis of the course is fundamental principles and concepts.

Course Note: There will be a weekly lab section; the time will be scheduled at first meeting.

Formerly BIO227

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups

Wave 1 | SM2-CBQG

Wave 2 | PHD BPH & Wave 1

Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Prerequisite: BST210 (Concurrent Enrollment Allowed) or PHS2000A (Concurrent Enrollment Allowed)**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Biostatistics 228 Section: 1

Applied Bayesian Analysis (203515)

Briana Joy Stephenson

2022 Fall (5 Credits) **Schedule:** TR 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 25

This course is a practical introduction to the Bayesian analysis of biomedical data. It is an intermediate Master&#x27;s level course in the philosophy, analytic strategies, implementation, and interpretation of Bayesian data analysis. Specific topics that will be covered include: the Bayesian paradigm; Bayesian analysis of basic models; Bayesian computing: Markov Chain Monte Carlo; STAN R software package for Bayesian data analysis; linear regression; hierarchical regression models; generalized linear models; meta-analysis; models for missing data.

Programming and case studies will be used throughout the course to provide hands-on training in these concepts.
Prerequisites: (BST210 or PHS 2000A&B) and BST222, or permission of the instructor

Requirements: **Prerequisites: (BST210 or PHS2000A&B) and BST222**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 230 Section: 1

Probability I (190047)

Marcello Pagano

2022 Fall (5 Credits) **Schedule:** MW 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 8

Axiomatic foundations of probability, independence, conditional probability, joint distributions, transformations, moment generating functions, characteristic functions, moment inequalities, sampling distributions, modes of convergence and their interrelationships, laws of large numbers, central limit theorem, and stochastic processes.

Course Note: lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.
Course Prerequisites: You must be a Biostatistics student or have taken BST222 to register for this course. If you have taken BST222 and are not a Biostatistics student, please ask the instructor for an instructor override.

Requirements: **Course Restricted to students in the Biostatistics department**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Biostatistics 232 Section: 1

Methods (190049)

Rachel Nethery

2022 Fall (5 Credits) **Schedule:** MW 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 20

Introductory course in the analysis of Gaussian and categorical data. The general linear regression model, ANOVA, robust alternatives based on permutations, model building, resampling methods (bootstrap and jackknife), contingency tables, exact methods, logistic regression.

Course Note: Students requesting a Pass&#x2F;Fail option must do all homework and take all exams. Enrollment in the Department of Biostatistics, or signature of instructor required; lab or section times to be announced at first meeting. Cross-listed: Harvard Chan School of Public Health students must register for Harvard Chan course.

Requirements: **Course Restricted: Students in the Biostatistics department**
Pre-Requisites: BST 210 and BST 222 or permission of instructor

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO

Biostatistics 235 Section: 1

Advanced Regression and Statistical Learning (190052)

Junwei Lu

2022 Fall (5 Credits) **Schedule:** MW 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 20

An advanced course in linear models, including both classical theory and methods for high dimensional data. Topics include theory of estimation and hypothesis testing, multiple testing problems and false discovery rates, cross validation and model selection, regularization and the LASSO, principal components and dimensional reduction, and classification methods. Background in matrix algebra and linear regression required.

Course Note: Lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: **Pre-requisites: BST231 and (BST 232 or BST233).**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Biostatistics 240 Section: 1

Probability II (190065)

Lorenzo Trippa

2022 Fall (5 Credits) **Schedule:** MW 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 6

A foundational course in measure theoretic probability. Topics include measure theory, Lebesgue integration, product measure and Fubini&#x27;s Theorem, Radon-Nikodym derivatives, conditional probability, conditional expectation, limit theorems on sequences of random stochastic processes, and weak convergence.

Course Prerequisites: BST231 or permission from the instructor required.

Course Note: Lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: **Pre-requisites: BST231 or permission from the instructor required**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 245 Section: 1

Analysis of Multivariate and Longitudinal Data (190060)

Tom Chen

2022 Fall (5 Credits) **Schedule:** TR 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 5

Presents classical and modern approaches to the analysis of multivariate observations, repeated measures, and longitudinal data. Topics include the multivariate normal distribution, Hotelling&#x27;s T2, MANOVA, the multivariate linear model, random effects and growth curve models, generalized estimating equations, statistical analysis of multivariate categorical outcomes, and estimation with missing data. Discusses computational issues for both traditional and new methodologies.

Course Note: Lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: **Pre-requisites: BST231 or permission of the instructor**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 254 Section: 2

Special Topics in Biostatistics (2.5 cr) (203471)

Cyrus Mehta

2022 Fall (2.5 Credits) **Schedule:** TR 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 25

Special Topics in Biostatistics, 2.5 credits

Topic: **Dsgn & Mntor of Adpt Clin Tr**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Biostatistics 260 Section: 1

Introduction to Data Science (190068)

Rafael A. Irizarry

2022 Fall (5 Credits) **Schedule:** MW 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 83

This class focuses on methods for learning from data, in order to gain useful predictions and insights. Separating signal from noise presents many computational and inferential challenges, which we approach from a perspective at the interface of computer science and statistics. Through real-world examples of wide interest, we introduce methods for five key facets of an investigation:

1) data munging/scraping/sampling/cleaning in order to construct an informative, manageable data set;

2) software engineering skills for accessing data as well as organizing data analyses and making these analyses sharable and reproducible and

3) exploratory data analysis to generate hypotheses and intuition about the data;

4) inference and prediction based on statistical tools such as modeling,regression, and classification;

5) communication of results through visualization, stories, and interpretable summaries.

Course Note: Recommendation of a knowledge of calculus and R at an intermediate level. Lab or section times to be announced at first meeting.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups
Wave 1 | SM60-HDS
Wave 2 | BIO SM2 / BIO SM60 / BIO SM1 / CBQG SM2
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Biostatistics 262 Section: 1

Computing for Big Data (205329)

Georg Hahn

2022 Fall (2.5 Credits) **Schedule:** MW 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 50

This course will give a critical presentation of software implementations, theoretical&#x2F;algorithmic software development, and modern software tools to collect, store, and process data at scale. This will include hands-on programming practice, R package development (with C++ integration), software design and good software development practice, multiprocessing with OpenMP, cloud computing on the Harvard computing cluster, container images (Docker), and an introduction to big data stacks. A basic level of programming in R and C++ is required. The goal of the course is not only limited to recipes to manipulate data, but to learn state of the art workflows for software design and dissemination, software tool selection, and maintenance. We will see how big data influences several aspects of data science (for instance, software development and data management) and how we can leverage modern tools to work with data efficiently.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups
Wave 1 | SM60-HDS
Wave 2 | BIO SM2 / BIO SM60 / BIO SM1 / CBQG SM2
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Biostatistics 267 Section: 1

Introduction to Social and Biological Networks (190132)

JP Onnela

2022 Fall (2.5 Credits) **Schedule:** MW 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 65

Many systems of scientific and societal interest consist of a large number of interacting components. The structure of these systems can be represented as networks where network nodes represent the components and network edges the interactions between the components. Network analysis can be used to study how pathogens, behaviors and information spread in social networks, having important implications for our understanding of epidemics and the planning of effective interventions. In a biological context, at a molecular level, network analysis can be applied to gene regulation networks, signal transduction networks, protein interaction networks, and more. This introductory course covers some basic network measures, models, and processes that unfold on networks. The covered material applies to a wide range of networks, but we will focus on social and biological networks. To analyze and model networks, we will learn the basics of the Python programming language and its NetworkX module.

The course contains a number of hands-on computer lab sessions. There are five homework assignments and four reading assignments that will be discussed in class. In addition, each student will complete a final project that applies network analysis techniques to study a public health problem.

Course Prerequisites: BST201 or ID201 or (BST202 & 203) or [BST206 & (BST207 or 208)]

Course Note: Lab or section times to be announced at first meeting.

Requirements: **Prerequisites: ID201 or BST201 or (BST202 & BST203) or [BST206 & (BST207 or BST208)]. Concurrent enrollment allowed.**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter

HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 273 Section: 1

Introduction to Programming (207985)

Eric Franzosa

2022 Fall (2.5 Credits) **Schedule:** MW 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 60

This is an introduction course on programming. Students will learn programming skills and apply to solve common problems in data analysis. Computational programming techniques will be introduced along with statistical methods. The format of the course contains lectures, hands-on computer labs, and practical projects. The official programming language for this class is Python.

Course Note: Lab or section times to be announced at first meeting.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Biostatistics 280 Section: 1

Introductory Genomics & Bioinformatics for Health Research (190097)

John Quackenbush

Camila Lopes-Ramos

2022 Fall (2.5 Credits) **Schedule:** TR 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 50

This survey course is intended for a wide audience and will provide an introduction to genomics-inspired techniques and bioinformatics tools, including genome sequencing, DNA microarrays, proteomics, and publicly available databases and software tools.

Course Note: Lab or section times to be announced at first meeting.
Course Prerequisites: ID201 or [BST201 or (BST202 & 203) or (BST206 & (BST207 or 208)) and (EPI201 or EPI500)], or permission of instructor. Courses may be taken concurrently.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups

Wave 1 | SM2-CBQG

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Pre-requisites: ID201 or [BST201 or (BST202 and BST203) or (BST206 and (BST207 or BST208)) and (EPI201 or EPI500)].**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 283 Section: 1

Cancer Genome Data Science (203516)

Scott Carter

2022 Fall (5 Credits) **Schedule:** TR 1130 AM - 1259 PM

Instructor Permissions: None **Enrollment Cap:** 25

This course is an introduction to modern statistical computing techniques used to characterize and interpret cancer genome sequencing datasets. This Master's level course will begin with a basic introduction to DNA, genes, and genomes for students with no biology background. It will then introduce cancer as an evolutionary process and review landmarks in the history of cancer genetics, and discuss the basics of sequencing technology and modern Next Generation Sequencing. The course will cover the main steps involved in turning billions of short sequencing reads into a representation of the somatic genetic alterations characterizing an individual patient's cancer, and will build on this foundation to study topics related to identifying mutations under positive selection from multiple tumors sampled in a population.

By the end of the course, students will be able to apply state-of-the art analysis to cancer genome datasets and to critically evaluate papers employing cancer genome data.

Requirements: **Students outside of HSPH must request instructor permission to enroll**

in this course

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Biostatistics 300 Section: 1

Independent Study (190099)

Brent Coull

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Biostatistics 300 Section: 2

Independent Study (190099)

Brent Coull

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Biostatistics 300 Section: 3

Independent Study (190099)

Brent Coull

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Biostatistics 305 Section: 1

Independent Study - CPT (220776)

Brent Coull

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Biostatistics 305 Section: 2

Independent Study - CPT (220776)

Brent Coull

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective

Biostatistics 305 Section: 3

Independent Study - CPT (220776)

Brent Coull

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Biostatistics 311 Section: 1

Teaching Assistant (190102)

Brent Coull

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Work with members of the department in laboratory instruction and the development of teaching materials.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Biostatistics 311 Section: 2

Teaching Assistant (190102)

Brent Coull

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Work with members of the department in laboratory instruction and the development of teaching materials.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Biostatistics 311 Section: 3

Teaching Assistant (190102)

Brent Coull

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Work with members of the department in laboratory instruction and the development of teaching materials.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Biostatistics 312A Section: 1

Consultation (205671)

Marcello Pagano

2022 Fall (1.25 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** 15

Work on current statistical consultation activities

Note: Students must complete both BST 312A (Fall) and BST 312B (Spring) with passing grades in order to receive credit for consulting in Biostatistics.

Requirements: **Restricted to Biostatistics doctoral students.**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Category	Category 2: Required Course

Biostatistics 316 Section: 1

Quantitative Genomics Lab Rotation (190107)

Xihong Lin

2022 Fall (2.5 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

Only available for students in the Interdisciplinary Research Training in Biostatistics and Computational Biology program

Complete lab rotation with members of the department in quantitative genomics.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 316 Section: 2

Quantitative Genomics Lab Rotation (190107)

Xihong Lin

2022 Fall (2.5 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

Only available for students in the Interdisciplinary Research Training in Biostatistics and Computational Biology program

Complete lab rotation with members of the department in quantitative genomics.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Biostatistics 316 Section: 3

Quantitative Genomics Lab Rotation (190107)

Xihong Lin

2022 Fall (2.5 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

Only available for students in the Interdisciplinary Research Training in Biostatistics and Computational Biology program

Complete lab rotation with members of the department in quantitative genomics.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Biostatistics 325 Section: 1

Master's Thesis and Collaborative Research Practicum (190108)

Erin Lake

Jeffrey Miller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Limited to students in the Biostatistics SM60 program, this ordinally graded thesis and practicum will include data analyses, data interpretation, and comparison of alternative methods, and will culminate in the student's written Master's thesis and oral presentation.

Requirements: **Course Restriction: Restricted to students in the SM60-BIO Program**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 325 Section: 2

Master's Thesis and Collaborative Research Practicum (190108)

Erin Lake

Jeffrey Miller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Limited to students in the Biostatistics SM60 program, this ordinally graded thesis and practicum will include data analyses, data interpretation, and comparison of alternative methods, and will culminate in the student's written Master's thesis and oral presentation.

Requirements: **Course Restriction: Restricted to students in the SM60-BIO Program**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Biostatistics 325 Section: 3

Master's Thesis and Collaborative Research Practicum (190108)

Erin Lake
Jeffrey Miller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Limited to students in the Biostatistics SM60 program, this ordinally graded thesis and practicum will include data analyses, data interpretation, and comparison of alternative methods, and will culminate in the student's written Master's thesis and oral presentation.

Requirements: **Course Restriction: Restricted to students in the SM60-BIO Program**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Subject: Health Data Science

Health Data Science 325 Section: 1

Health Data Science Capstone Course (207859)

Tamar Sofer
Santiago Romero-Brufau

2022 Fall (7.5 Credits) **Schedule:** MW 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 29

The overall objective of this course is to allow students to integrate and apply various methods introduced in previous coursework in the Masters In Health Data Science program to different real-world data sets across knowledge domains. The course is split into three segments, each involving a different individual or group project and various career development lectures to prepare students for a variety of professional positions. For the first sequence (4 weeks in length), students will attempt to reproduce the findings of a recently published journal article, critique the reproducibility of that article, and present their findings in class. For the second sequence (5 weeks in length), each student will be given access to a data set and will be required to develop a research question, execute data wrangling and appropriate statistical analyses to answer that question, and give a presentation summarizing their findings. Finally, for the third sequence (5 weeks In length), students will be split into small groups (4-5 students) and each group will be given the

same data set·and prompt. The groups will compete against one another to find the best solution and present their strategy and results in class at the end of the segment. Students must use Python for all exercises, and will also be required to submit an individual write-up for the first two projects and a group write-up for the group project in the form of Jupyter notebooks.

Requirements: **Prerequisites: BST222 and BST260 and BST261 and BST262 and BST263**

Limited to Health Data Science masters students in the final semester of their program.

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course

Subject: Computational Biol and Quant G

Computational Biol and Quant G 325 Section: 1

CBQG Collaborative Research Thesis (190143)

John Quackenbush

Peter Kraft

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course provides students with valuable real-world experience doing research in Boston's premier biomedical institutions. Students are mentored by a member of the program faculty or other affiliated quantitative scientist working in clinical and epidemiological research projects at HSPH, Harvard University, or Harvard-affiliated hospitals.

The Collaborative Research Thesis will normally be undertaken during the fourth (spring) semester, after coursework has been completed. It will be presented in both oral and written form before a committee consisting of the thesis advisor and two additional program faculty. Students with a more extensive background may be permitted to undertake their thesis research during the summer following their second semester, and complete the entire program in as little as 16 months.

Students in the program must complete a 10-20 credit thesis, and so could register for this course possibly 2 to 4 times to achieve the total number of credits. Only students in this program are eligible to register for this course.

Requirements: **Course Restricted: Students in the CBQG SM2 program**

Additional Course Attributes:

Attribute	**Value(s)**
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Computational Biol and Quant G 325 Section: 2

CBQG Collaborative Research Thesis (190143)

John Quackenbush

Peter Kraft

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course provides students with valuable real-world experience doing research in Boston's premier biomedical institutions. Students are mentored by a member of the program faculty or other affiliated quantitative scientist working in clinical and epidemiological research projects at HSPH, Harvard University, or Harvard-affiliated hospitals.

The Collaborative Research Thesis will normally be undertaken during the fourth (spring) semester, after coursework has been completed. It will be presented in both oral and written form before a committee consisting of the thesis advisor and two additional program faculty. Students with a more extensive background may be permitted to undertake their thesis research during the summer following their second semester, and complete the entire program in as little as 16 months.

Students in the program must complete a 10-20 credit thesis, and so could register for this course possibly 2 to 4 times to achieve the total number of credits. Only students in this program are eligible to register for this course.

Requirements: **Course Restricted: Students in the CBQG SM2 program**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Computational Biol and Quant G 325 Section: 3

CBQG Collaborative Research Thesis (190143)

John Quackenbush

Peter Kraft

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This course provides students with valuable real-world experience doing research in Boston's premier biomedical institutions. Students are mentored by a member of the program faculty or other affiliated quantitative scientist working in clinical and epidemiological research projects at HSPH, Harvard University, or Harvard-affiliated hospitals.

The Collaborative Research Thesis will normally be undertaken during the fourth (spring) semester, after coursework has been completed. It will be presented in both oral and written form before a committee consisting of the thesis advisor and two additional program faculty. Students with a more extensive background may be permitted to undertake their thesis research during the summer following their second semester, and complete the entire program in as little as 16 months.

Students in the program must complete a 10-20 credit thesis, and so could register for this course possibly 2 to 4 times to achieve the total number of credits. Only students in this program are eligible to register for this course.

Requirements: **Course Restricted: Students in the CBQG SM2 program**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Subject: Interdepartmental

Interdepartmental 201 Section: 1

Core Principles of Biostatistics and Epidemiology for Public Health Practice (190737)

Heather Mattie

Murray Mittleman

2022 Fall (7.5 Credits) **Schedule:** T 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 174

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Didactic lectures will be posted on the course website along with self-assessment questions. There is one required in-person interactive class session and one in-person lab session each week. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

For Section 3 (MPH GEN ONLY):
Same as above, except : MPH GEN students will be offered one synchronous interactive class session and one weekly lab session on Zoom each week.

Requirements: **Course is mutually exclusive with BST202 and BST203.**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter

Interdepartmental 201 Section: 2

Core Principles of Biostatistics and Epidemiology for Public Health Practice (190737)

Heather Mattie

Murray Mittleman

2022 Fall (7.5 Credits) **Schedule:** R 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 175

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. **Didactic lectures will be posted on the course website along with self-assessment questions. There is one required in-person interactive class session and one in-person lab session each week.** Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

For Section 3 (MPH GEN ONLY):
Same as above, except : MPH GEN students will be offered one synchronous interactive class session and one weekly lab session on Zoom each week.

Requirements: **Course is mutually exclusive with BST202 and BST203.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter

Interdepartmental 201 Section: 3

Core Principles of Biostatistics and Epidemiology for Public Health Practice (190737)

Murray Mittleman

Heather Mattie

2022 Fall (7.5 Credits) **Schedule:** TR 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 60

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. **Didactic lectures will be posted on the course website along with self-assessment questions. There is one required in-person interactive class session and one in-person lab session each week.** Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

For Section 3 (MPH GEN ONLY):
Same as above, except : MPH GEN students will be offered one synchronous interactive class session and one weekly lab session on Zoom each week.

Class Notes: **Section 3 of ID 201 is reserved for MPH-GEN students.**

Note about labs: There will be an (optional) associated synchronous lab session offered that will be recorded and available to view asynchronously.

Requirements: **Course is mutually exclusive with BST202 and BST203.**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration

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Interdepartmental 201LAB Section: 01

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2022 Fall (0 Credits) **Schedule:** R 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt

Interdepartmental 201LAB Section: 02

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2022 Fall (0 Credits) **Schedule:** R 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement

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Interdepartmental 201LAB Section: 03

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2022 Fall (0 Credits) **Schedule:** R 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter

Interdepartmental 201LAB Section: 04

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2022 Fall (0 Credits) **Schedule:** F 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter

Interdepartmental 201LAB Section: 05

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2022 Fall (0 Credits) **Schedule:** F 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Interdepartmental 201LAB Section: 06

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2022 Fall (0 Credits) **Schedule:** F 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 07

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2022 Fall (0 Credits) **Schedule:** R 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Interdepartmental 201LAB Section: 08

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie
Murray Mittleman

2022 Fall (0 Credits) **Schedule:** R 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Interdepartmental 201LAB Section: 09

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie
Murray Mittleman

2022 Fall (0 Credits) **Schedule:** R 0200 PM - 0330 PM
R 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Class Notes: **ID 201 LAB 9 will be held in two locations:**

FALL 1: Kresge G2

FALL 2: kresge LL6 Computer Lab

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 10

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2022 Fall (0 Credits) **Schedule:** F 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 29

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement

Interdepartmental 201LAB Section: 11

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2022 Fall (0 Credits)

Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None

Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Interdepartmental 201LAB Section: 12

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Murray Mittleman
Heather Mattie

2022 Fall (0 Credits)

Schedule: R 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Interdepartmental 201LAB Section: 13

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie
Murray Mittleman

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	None	**Enrollment Cap:**	40

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Class Notes: **ID 201 LABs 13, 14, and 15 are reserved for MPH-GEN students. Although this lab is optional, MPH-GEN students must enroll in this LAB section to complete their enrollment in ID 201 LAB.**

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Interdepartmental 201LAB Section: 14

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie
Murray Mittleman

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	None	**Enrollment Cap:**	40

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Class Notes: **ID 201 LABs 13, 14, and 15 are reserved for MPH-GEN**

students. Although this lab is optional, MPH-GEN students must enroll in this LAB section to complete their enrollment in ID 201 LAB.

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
Course Evaluation	Course Evaluation Exempt

Interdepartmental 201LAB Section: 15

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** 40

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Class Notes: **ID 201 LABs 13, 14, and 15 are reserved for MPH-GEN students. Although this lab is optional, MPH-GEN students must enroll in this LAB section to complete their enrollment in ID 201 LAB.**

Requirements: **Students are required to enroll in ID 201 and ID 201LAB.**

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Interdepartmental 945A Section: 1

Applied Practice and Integrative Learning Experience for Quantitative Methods (205234)

Marcia Testa

2022 Fall (1.25 Credits) **Schedule:** T 0530 PM - 0720 PM

Instructor Permissions: None **Enrollment Cap:** 45

QM Master of Public Health students develop a practicum project, many with collaborators from their home institutions, under the supervision of a local mentor or preceptor, and if required a member of the faculty at Harvard Chan. This practicum should include aspects of epidemiology, biostatistics, decision sciences, or other quantitative aspects of public health. Students should apply the competencies learned in core courses to an actual investigation. During Fall 1 and 2 semesters, students must attend class sessions during which the various components of the practicum and culminating experience will be described and opportunities for practicum projects will be discussed. Prior to the end of Fall 2, students must submit a written proposal for the practicum along with the approval signature of the qualified individual indicating an agreement to act as the local mentor or preceptor for the practicum project. This proposal is reviewed by the Harvard Chan course instructors. During Spring 1, students must give a brief oral presentation to the class describing their practicum activities progress. Students must also submit three written interim progress reports (Review of the Literature, Detailed Study Outline, Field Study or Expert Interview Report) during Spring 1 and one written interim progress report (Data Management/Statistical Analysis Report) during Spring 2 according to the schedule outlined in the course syllabus. As part of their required MPH "culminating experience", during Spring 2 students must submit a structured abstract which will be published in the annual MPH QM Abstract book and give a poster presentation during the scheduled MPH QM Annual Poster Day Sessions They also must attend all Poster Day Sessions when they are not presenting and submit at least six written reviews critiquing the practicum project posters of their fellow students. Finally, all students must submit their practicum project as a final written report which would be considered suitable for publication.

Course Note: Students must attend the scheduled Fall 1, Fall 2, Spring 1 and Spring 2 classes and presentations as noted in the course syllabus.

Grade Note: ID 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in ID 945 after they have completed both Part A and Part B.
At the end of the Fall term, students will receive an "IP" ("in progress") grade in ID 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from ID 945A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from ID 945.

Requirements: **Course restricted to students in the MPH45 qualitative methods (academic year) program HSPH: ID 945A/B**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Full Year Course	Indivisible Course
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Subject: Molecular Metabolism

Molecular Metabolism **250** Section: 1

Advanced Topics in Molecular Metabolism (218530)

Brendan Manning

2022 Fall (2.5 Credits)		**Schedule:**	TR 0345 PM - 0515 PM
Instructor Permissions:	Instructor	**Enrollment Cap:**	15

A quarter course focused on developing skills for critical reading of primary research literature in fields related to molecular metabolism. The course is geared toward PhD students in the life sciences with interest in the role of metabolism in physiology and disease, including those in BPH and other HILS PhD programs. Students will be required to read one research paper prior to each class and complete a paper review. Class time will involve short lectures/discussions on the background and technical aspects of the given study and detailed review of the published work, with each student describing an experiment or set of experiments, the results, and authors' interpretation, along with caveats and alternative explanations.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

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Molecular Metabolism **300** Section: 1

Independent Study (190382)

Chih-Hao Lee

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Molecular Metabolism 300 Section: 2

Independent Study (190382)

Brendan Manning

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Molecular Metabolism 300 Section: 3

Independent Study (190382)

Chih-Hao Lee

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Molecular Metabolism 300 Section: 4

Independent Study (190382)

Brendan Manning

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Molecular Metabolism 300 Section: 5

Independent Study (190382)

Chih-Hao Lee

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Molecular Metabolism 300 Section: 6

Independent Study (190382)

Brendan Manning

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Subject: Interdepartmental

Interdepartmental 100 Section: 1

Foundations for Public Health (216476)

Sue J. Goldie

2022 Fall (1 Credits)		**Schedule:**	TBD
Instructor Permissions:	None	**Enrollment Cap:**	n/a

The purpose of this course is to provide an introduction to public health and establish a solid foundation for your education, experience and engagement over the next year. In the summer portion of the course, you will be introduced to the principles and science of public health, the major causes of morbidity and mortality, the social determinants of health, and the ways society can respond from the health sector and from outside the health sector. You will become familiar with commonly used metrics and measures that make up the "language of public health" and be exposed to conceptual frameworks that will help you to "ask the right questions". In the fall portion of the course, we will adopt a case-based approach to explore some of the most important interdisciplinary health problems facing populations – locally and globally. Adopting an ecologic perspective, we will pay particular attention to transnational risks and global governance – preparing you to engage academically and professionally with the most consequential challenges of our times – from pandemic risk to climate change.

Requirements: **HSPH Degree Students Only. PhD students are not able to enroll.**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter

Interdepartmental 100P Section: 1

Foundations for Public Health (220630)

Sue J. Goldie

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	None	**Enrollment Cap:**	n/a

This course will follow the exact same format as ID 100. It is the exact same course but a separate offering for PhD students only.

As future leaders and change agents of public health, this is a sobering and pivotal moment. Around the world today, the health gaps between the best and worst off have widened, and in no case is this more obvious than the United States. Intense changes in demographics, from population growth to urbanization, along with unprecedented shifts in patterns of disease and escalating transnational risks, are coupled with game-changing advances in technology and innovation. Superimposed on this already complex context, we are witnessing a mosaic of overlapping public health crises—from the domestic epidemics of structural racism, opioid addiction, and gun violence, and structural racism, to the global pandemic of COVID-19 and climate change. You have chosen to begin your journey at what can only be described as a historical moment for our field—the challenges never more sobering, the stakes never more consequential, and the possibilities never greater.

Requirements: **Students in the 4 PHD programs associated with HSPH**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Available for Harvard Cross Registration

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Interdepartmental 256 Section: 1

Evaluating Today's Complex Public Health Initiatives (220457)

Tamara Calise

2022 Fall (2.5 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** 60

Evaluation is one of the 10 essential public health functions, one of the seven core competencies of health education, and is critical to effective practice. This course uses the CDC Evaluation Framework, a specific public health evaluation framework, to explore several dimensions of evaluation. Topics will introduce students to general purposes and uses of program evaluation; the theory of program and policy evaluation and the methods and techniques used in the broad field of public health; ways program logic models are used to illustrate a program's "road map," goals, and objectives; ways to interpret and disseminate evaluation findings; and criteria and standards for assuring a program evaluation is sound and accountable. Students will develop comprehensive understanding of the phases of program evaluation, with an emphasis on community-based programs, comprehensive initiatives, and systems approaches. The course is designed to guide students in thinking critically about how health initiatives work, and, how evaluators can make them work better using various approaches. To achieve this goal, I will expose students to readings and resources, discussions about terminology and concepts, and provide feedback on assignments and opportunities for hands-on practice.

Class Notes: **A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Requirements: **Course Restricted: Course open to MPH-GEN students only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Material Fee Tier	< $25
HSPH: Course Category	Category 2: Required Course

Interdepartmental 501 Section: 1

Engaging with the Press: A Practical Look at Effective Public Health Communications (220631)

Dick Tofel

2022 Fall (0 Credits) **Schedule:** F 0830 AM - 1000 AM
F 0830 AM - 1000 AM
F 0830 AM - 1000 AM
F 0830 AM - 1000 AM

F 0830 AM - 1000 AM
F 0830 AM - 1000 AM
F 0830 AM - 1000 AM

Instructor Permissions: Instructor **Enrollment Cap:** 60

This noncredit seminar is intended to provide students of public health, most of them graduate students, but also a few select undergraduates, with a deeper understanding of the relationship between public health and the press, a subject of particular importance in the wake of the pandemic. Sessions will examine all facets of the relationship, from news reporting to public information, from scientific papers to social media, from inherent complexity to misinformation. Each seminar will be joined by one or more leading guests from the journalism or communications fields, the public sector or the university community. Students are expected to engage in active discussions each session. There will be limited assigned reading and an optional paper. The course will meet every other Friday during the fall semester.

The meeting dates are Sept 9, Sept 23, Oct 7, Oct 21, Nov 4, Nov 18 and Dec 2.

Class Notes: **Registration: Enrollment in "Engaging with the Press" is by permission of the instructor. To apply, please submit, to the course instructor by email, a one paragraph statement of your interest in the course and relevant background, if any. Please send to rtofel@hsph.harvard.edu.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Women, Gender & Health

Women, Gender & Health 300 Section: 1

Independent Study (191282)

Sydney Austin

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 10

Independent Study (191282)

Barbara Gottlieb

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Women, Gender & Health 300 Section: 11

Independent Study (191282)

Barbara Gottlieb

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 12

Independent Study (191282)

Barbara Gottlieb

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Women, Gender & Health 300 Section: 13

Independent Study (191282)

Jack Dennerlein

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Women, Gender & Health 300 Section: 14

Independent Study (191282)

Jack Dennerlein

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 15

Independent Study (191282)

Jack Dennerlein

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 19

Independent Study (191282)

Ana Langer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective

Women, Gender & Health 300 Section: 2

Independent Study (191282)

Sydney Austin

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Women, Gender & Health 300 Section: 20

Independent Study (191282)

Ana Langer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Women, Gender & Health 300 Section: 21

Independent Study (191282)

Ana Langer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Women, Gender & Health 300 Section: 22

Independent Study (191282)

Karestan Koenen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective

Women, Gender & Health 300 Section: 23

Independent Study (191282)

Karestan Koenen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Women, Gender & Health 300 Section: 24

Independent Study (191282)

Karestan Koenen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Women, Gender & Health 300 Section: 25

Independent Study (191282)

Nancy Krieger

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Women, Gender & Health 300 Section: 26

Independent Study (191282)

Nancy Krieger

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Women, Gender & Health 300 Section: 27

Independent Study (191282)

Nancy Krieger

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Women, Gender & Health 300 Section: 3

Independent Study (191282)

Sydney Austin

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Women, Gender & Health 300 Section: 31

Independent Study (191282)

Stacey Missmer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
HSPH: Indpt. Study / Research	YES

Women, Gender & Health 300 Section: 32

Independent Study (191282)

Stacey Missmer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Women, Gender & Health 300 Section: 33

Independent Study (191282)

Stacey Missmer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Women, Gender & Health 300 Section: 34

Independent Study (191282)

Tamarra James-Todd

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Women, Gender & Health 300 Section: 35

Independent Study (191282)

Tamarra James-Todd

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Women, Gender & Health 300 Section: 36

Independent Study (191282)

Tamarra James-Todd

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
HSPH: Indpt. Study / Research	YES

Women, Gender & Health 300 Section: 40

Independent Study (191282)

Sabra Katz-Wise

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective

Women, Gender & Health 300 Section: 41

Independent Study (191282)

Sabra Katz-Wise

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Women, Gender & Health 300 Section: 42

Independent Study (191282)

Sabra Katz-Wise

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Women, Gender & Health 300 Section: 43

Independent Study (191282)

Alan Geller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 44

Independent Study (191282)

Sereno Reisner

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Women, Gender & Health 300 Section: 45

Independent Study (191282)

Sereno Reisner

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Women, Gender & Health 300 Section: 46

Independent Study (191282)

Sereno Reisner

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Women, Gender & Health 300 Section: 47

Independent Study (191282)

Elizabeth Janiak

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

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Women, Gender & Health 300 Section: 48

Independent Study (191282)

Elizabeth Janiak

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Women, Gender & Health 300 Section: 49

Independent Study (191282)

Elizabeth Janiak

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 7

Independent Study (191282)

Brittany Charlton

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
HSPH: Indpt. Study / Research	YES

Women, Gender & Health 300 Section: 8

Independent Study (191282)

Brittany Charlton

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Women, Gender & Health 300 Section: 9

Independent Study (191282)

Brittany Charlton

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Doctor of Public Health

Subject: Doctor of Public Health

Doctor of Public Health 200 Section: 1

Qualitative Methods in Health Research: Practice, Principles, and Critical Considerations (203335)

Emma-Louise Aveling

2022 Fall (2.5 Credits)		**Schedule:**	TR 1130 AM - 0100 PM
Instructor Permissions:	None	**Enrollment Cap:**	20

Whether you plan to conduct qualitative research yourself or to use existing qualitative research to inform your professional practice, this course provides a framework for understanding when qualitative methodologies can help you answer the questions you care about, which designs are appropriate, and how to evaluate the quality of qualitative research. The course introduces fundamental questions, principles, and skills necessary to critically design, conduct, interpret and appraise qualitative research. Through interactive sessions combining lectures, discussions, and practice exercises we aim to cultivate practical knowledge and critical awareness essential to conducting high-quality, ethical, reflexive qualitative research.

We begin by exploring the philosophical foundations and key characteristics of the qualitative research paradigm, and the value of qualitative methodologies for health research. Throughout the course, we critically reflect on the implications of such foundational philosophical and theoretical positionings for the practice of qualitative research, i.e., for designing, conducting, and evaluating qualitative research projects. For example, recognizing that historical, social, and structural forces shape (all) research processes, we explore: epistemological assumptions concerning what (or whose) knowledge 'counts' as legitimate and how those assumptions shape methodological designs; debates about which criteria can or should be used to establish quality in qualitative research; ethical issues that extend beyond procedural compliance to include context-specific and relational dimensions of research design and fieldwork practices; and reflexive considerations of our public health researcher role(s) and relationships with stakeholders in diverse fields.

Interactive class sessions and assignments are equally focused on developing practical skills for, and experience of, conducting qualitative research, including: generating data through interviews, focus groups, and observations, and analyzing qualitative data. Students will have opportunities to design and plan qualitative studies, conduct and evaluate observations and interviews, critically appraise and debate quality and ethical issues, and practice analyzing qualitative data.

Note that in aiming to cover a breadth of topics, this course does not provide in-depth or advanced level training on any one aspect of qualitative data generation or analysis. There are no pre-requisites for this course.

Class Notes:

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | DRPH

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM

Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM

Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

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Doctor of Public Health 242A Section: 1

Leadership in Public Health: Personal Mastery II (212966)

Fawn Phelps

Cyra Dougherty

2022 Fall (1.25 Credits)		**Schedule:**	W 1130 AM - 0100 PM
Instructor Permissions:	None	**Enrollment Cap:**	10

Leadership in Public Health: Personal Mastery Integration is an extension of the DrPH 240 course that forms the foundation of the DrPH's leadership development within the Enabling Change curriculum. The DrPH leadership development programming is rooted in understanding and applying leadership theory. This course emphasizes learning through experiential exercises and reflective practices. DrPH 242 is intended to offer ongoing theoretical and practical integration of the leadership development principles.

Requirements: **HSPH: DRPH Students + Pre-Requisite DRPH 240**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
HSPH: Course Category	Category 2: Required Course
HSPH: Conditionally Approved	Conditionally Approved Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course
Full Year Course	Indivisible Course
eForm Autosubmitter	Auto Submitter

Doctor of Public Health 250 Section: 1

Enabling Teams (204256)

Predrag Stojicic

Jocelyn Chu

2022 Fall (2.5 Credits)		**Schedule:**	MW 1130 AM - 0100 PM
Instructor Permissions:	None	**Enrollment Cap:**	10

The DrPH Enabling Change program is premised on the belief that effective public health practitioners must augment traditional research skills and methodologies with learning how to enable positive change at four levels: within themselves, amongst their teams, inside their organizations, and across systems. This course is part two of that sequence; it is preceded by courses in personal mastery (DrPH 240) and communications (DrPH 260) and will be followed by a course on leading change in organizations, in systems, and through movements (DrPH 251).

Enabling Teams is included in recognition that in many public health organizations, teams have emerged as a preferred work arrangement. Under the right conditions, a team's capacity may exceed that of a similar number of individuals working autonomously when the specialized knowledge of team members can be effectively coordinated and leveraged by leadership. As the problems that communities face increase in scope and complexity, delivering change via teams is increasingly necessary.

The Enabling Teams course is also designed to help students prepare for their winter field immersion experience. Students will be introduced to a range of frameworks, models, empirical research, simulations, and case-based discussions, which are focused on collaborative decision-making and the effective use of teams and "teaming" to solve key problems. To aid students who are concurrently planning for their

January field immersion experience, which they will engage as small working groups, this course will include "lab" sessions that will enable students to practice applying critical skills related to course concepts and competencies.

Class Notes: **A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Requirements: **Course restricted to DRPH students**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration

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Doctor of Public Health 270 Section: 1

Strategic Management in Global Settings (205526)

Laurie Sprung

2022 Fall (2.5 Credits) **Schedule:** TR 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 35

"Strategic Management in Global Settings" will provide an overview of some of the key concepts and tools in strategic management that students will be able to draw upon throughout their careers as public health leaders. Topics will include competitive analysis, formulation and implementation of strategy, and strategic measurement and management of organizational performance. This is a case-based course and student preparation and active participation is required. Cases will represent a diverse cross-section of health care organizations, and will include both US and global organizations. Cases will range from academic medical centers to government-owned hospitals, as well as ministries of health to non-governmental organizations (NGOs) to private health care corporations.

Class Notes: **A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | DRPH, New MPH45 HM, Continuing MPH65 HM
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/12/2022 11:00AM – 8/22/2021 11:59PM
Wave 2 | 8/23/2022 12:00AM – 8/26/2021 11:59PM
Wave 3 | 8/27/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Mutually exclusive with HPM231. Cannot receive credit for both courses.**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Material Fee Tier	< $100
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Indpt. Study / Research	NO

Doctor of Public Health 290A Section: 1

DrPH Doctoral Seminar (205228)

Gillian Christie
Susan Madden
Jocelyn Chu

2022 Fall (1.25 Credits)

Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None

Enrollment Cap: 10

The DrPH Doctoral Project Seminar is required for all DrPH second year students. Its objective is to guide DrPH students through a structured and collaborative approach in support of development of their third year Doctoral Project, culminating in presentation of a Doctoral Project approach in the last part of the seminar.

The seminar will run in two phases: DRPH 290A in Fall 2 and DPH 290B in Spring. In Fall 2, students will prepare for development of their Doctoral Project ideas, through review of the goals, guidance, and outputs required of the project. In Spring 1, students will focus on finalizing their Doctoral Project. The seminar will include guidance on the development of proposals and effective proposal presentation. In Spring 2, students will deliver a presentation on their Doctoral Project proposal in preparation for their Oral Qualifying Exam.

Class Notes: ☐**A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Requirements: **Restricted to second year students in the DRPH program**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
Full Year Course	Indivisible Course
HSPH: Course Category	Category 2: Required Course
HSPH: Course Material Fee Tier	< $25
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter

Doctor of Public Health 301 Section: 1

Independent Study (205548)

Richard Siegrist

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Doctor of Public Health 301 Section: 2

Independent Study (205548)

Richard Siegrist

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Doctor of Public Health 301 Section: 3

Independent Study (205548)

Richard Siegrist

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Doctor of Public Health 350 Section: 1

Doctoral Project (Residence) (203349)

Richard Siegrist

2022 Fall (15 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: **HSPH: Passed DRPH Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Doctor of Public Health 350 Section: 2

Doctoral Project (Residence) (203349)

Nancy Turnbull

2022 Fall (15 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: **HSPH: Passed DRPH Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course

Doctor of Public Health 350 Section: 3

Doctoral Project (Residence) (203349)

Laurie Pascal

2022 Fall (15 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: **HSPH: Passed DRPH Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Doctor of Public Health 350 Section: 4

Doctoral Project (Residence) (203349)

Margaret Kruk

2022 Fall (15 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: **HSPH: Passed DRPH Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Doctor of Public Health 400 Section: 1

Doctoral Project (Non-Resident) (203350)

Richard Siegrist

2022 Fall (15 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: **HSPH: Passed DRPH Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Doctor of Public Health 400 Section: 2

Doctoral Project (Non-Resident) (203350)

Nancy Turnbull

2022 Fall (15 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: **HSPH: Passed DRPH Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course

Course Evaluation	Course Evaluation Exempt

Doctor of Public Health 400 Section: 3

Doctoral Project (Non-Resident) (203350)

Laurie Pascal

2022 Fall (15 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: **HSPH: Passed DRPH Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Doctor of Public Health 400 Section: 4

Doctoral Project (Non-Resident) (203350)

Margaret Kruk

2022 Fall (15 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: **HSPH: Passed DRPH Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health

Subject: Environmental Health

Environmental Health 205 Section: 1

Human Physiology (190168)

Nancy Long Sieber

2022 Fall (5 Credits)		**Schedule:**	MW 0945 AM - 1115 AM
Instructor Permissions:	None	**Enrollment Cap:**	68

As an introduction to the principles governing function in the human body, this course is designed to provide a framework in physiology for future public health researchers and professionals who have not taken college level physiology courses. Emphasis is placed on the concept of homeostasis and on integrative aspects of physiology. Examples of pathophysiology and environmental physiology will highlight these processes.

Course Activities: Problem sets, exams, laboratory.

Course Note: College-level introductory biology

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | PHD BPH, PHS SBS, PHS EPI & Wave 1
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Environmental Health 241 Section: 1

Occupational Safety and Injury Prevention (190177)

Ted Courtney
Robert Spielvogel

2022 Fall (2.5 Credits) **Schedule:** R 0530 PM - 0700 PM

Instructor Permissions: None **Enrollment Cap:** 28

This course in occupational safety works towards the prevention of work-related injury and illnesses through proactive management and control of workplace hazards. The primary objectives of the course are to: (1) identify fundamental workplace hazards, (2) develop a basis of basic government and voluntary regulations, (3) understand issues pertaining to specific and different industries, and (4) understand various safety management programs.

Course Activities: Lectures and group discussions, and a term project.

Class Notes:

☐A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years&#x27; materials fees for the current semester&#x27;s courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8&#x2F;11&#x2F;2022 11:00AM – 8&#x2F;21&#x2F;2022 11:59PM
Wave 2 | 8&#x2F;22&#x2F;2022 12:00AM – 8&#x2F;25&#x2F;2022 11:59PM
Wave 3 | 8&#x2F;26&#x2F;2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
HSPH: Course Material Fee Tier	< $50
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 249 Section: 1

Built Environment, Nature, and Health (213255)

Peter James

2022 Fall (2.5 Credits) **Schedule:** WF 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 40

The built environment – our homes, schools, businesses, streets and sidewalks, and transportation options – and the natural environment – features such as vegetation, water, parks, and open spaces – directly and indirectly impact health and well-being. The places where we live, learn, work, and play can determine our exposure to pollution, influence our health behaviors, and ultimately drive disease risk. The built and natural environment can contribute to health outcomes that are the major contributors to morbidity and mortality in the US, and increasingly globally. Moreover, decisions on how we have designed our built and natural environments are long-lasting and can disproportionately impact the health of individuals of varied ages, abilities, races, ethnicities, and socioeconomic levels. Through this course, participants will learn how to study the influence of built and natural environments on an array of health outcomes, receive a basic introduction to Geographic Information Systems (GIS) (no prior knowledge required), will learn to assess the evidence behind different associations observed in the literature, and will explore the policy and decision-making processes that facilitate built and natural environment changes.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 263 Section: 1

Analytical Methods and Exposure Assessment (190191)

Gary Adamkiewicz
Jaime Hart

2022 Fall (5 Credits) **Schedule:** TR 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 30

This course will examine methodological issues associated with the design and execution of studies designed to measure environmental exposure to chemical and biological contaminants. The first half of the course will be lecture based, and will address topics such as: study design issues, implementation of quality control/ quality assurance programs, data analysis, protocols for sampling air, water, sediments, and soil for contaminants of concern, and analytical techniques used to measure chemical and biological

constituents in the laboratory. During the second half of the semester, groups of students will design and execute their own field investigation using these techniques. The design and results of these projects are presented in class.

Course Activities: Lectures, written reports, problem sets, exams, class presentations, field work and final paper.
Course restricted: Environmental Health students (or instructor permission)

Requirements: **Course Restricted: Students in the Environmental Health department**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course

Environmental Health 268 Section: 1

Principles and Practices of Leadership for Environmental and Occupational Health Professionals (208067)

Edward Baker

Louis DiBerardinis

2022 Fall (2.5 Credits) **Schedule:** M 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 16

The course is designed to provide environmental and occupational health professionals with a conceptual foundation regarding the guiding principles and best practices of effective leadership and management in organizations. Using textbook readings, published articles, case studies, and online leader interviews, students will learn research-based theory and the application of theory to practice. Students will also complete leadership style self-assessments and join classmates in an online blog forum before class sessions. Class sessions will consist of very limited presentation of content with most class time allocated to a facilitated conversation designed to stimulate reflection on readings, interviews, work experiences, and blogposts. A final component will include development and presentation of each student's personal leadership framework, based on their selection of theories and practices, which is designed to serve as a guide to future leadership practice and development.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority

wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 3: Essential Course

Environmental Health 300 Section: 1

Independent Study (190217)

Zhi-Min Yuan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 10

Independent Study (190217)

Jack Dennerlein

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 102

Independent Study (190217)

Susan Korrick

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 103

Independent Study (190217)

Susan Korrick

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological

health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 104

Independent Study (190217)

Susan Korrick

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 105

Independent Study (190217)

Bernardo Lemos

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health **300** Section: 106

Independent Study (190217)

Bernardo Lemos

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health **300** Section: 107

Independent Study (190217)

Bernardo Lemos

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health **300** Section: 108

Independent Study (190217)

Gary Adamkiewicz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health **300** Section: 109

Independent Study (190217)

Gary Adamkiewicz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 11

Independent Study (190217)

Jack Dennerlein

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 110

Independent Study (190217)

Gary Adamkiewicz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 111

Independent Study (190217)

Joseph Allen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health **300** Section: 112

Independent Study (190217)

Joseph Allen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health **300** Section: 113

Independent Study (190217)

Joseph Allen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 114

Independent Study (190217)

Maitreyi Mazumdar

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 115

Independent Study (190217)

Maitreyi Mazumdar

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air

pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 116

Independent Study (190217)

Maitreyi Mazumdar

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 12

Independent Study (190217)

Jack Dennerlein

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 121

Independent Study (190217)

Tamarra James-Todd

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 122

Independent Study (190217)

Tamarra James-Todd

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 123

Independent Study (190217)

Tamarra James-Todd

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 126

Independent Study (190217)

David Macintosh

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 13

Independent Study (190217)

Douglas Dockery

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 134

Independent Study (190217)

Eileen McNeely

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 135

Independent Study (190217)

Nancy Long Sieber

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 136

Independent Study (190217)

David Macintosh

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 137

Independent Study (190217)

David Macintosh

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health **300** Section: 138

Independent Study (190217)

Shruthi Mahalingaiah

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health **300** Section: 139

Independent Study (190217)

Jaime Hart

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 14

Independent Study (190217)

Douglas Dockery

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 140

Independent Study (190217)

Carmen Messerlian

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste

management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Environmental Health 300 Section: 141

Independent Study (190217)

Carmen Messerlian

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Environmental Health 300 Section: 142

Independent Study (190217)

Carmen Messerlian

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 15

Independent Study (190217)

Douglas Dockery

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 16

Independent Study (190217)

John Evans

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health **300** Section: 17

Independent Study (190217)

John Evans

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health **300** Section: 18

Independent Study (190217)

John Evans

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 19

Independent Study (190217)

Jeffrey Fredberg

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 2

Independent Study (190217)

Zhi-Min Yuan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 20

Independent Study (190217)

Jeffrey Fredberg

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health **300** Section: 21

Independent Study (190217)

Jeffrey Fredberg

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health **300** Section: 22

Independent Study (190217)

Shruthi Mahalingaiah

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 25

Independent Study (190217)

Diane Gold

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 26

Independent Study (190217)

Diane Gold

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air

pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 27

Independent Study (190217)

Diane Gold

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 28

Independent Study (190217)

Jaime Hart

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 3: Essential Course

Environmental Health 300 Section: 29

Independent Study (190217)

Peter James

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 3

Independent Study (190217)

Zhi-Min Yuan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 30

Independent Study (190217)

Kristopher Sarosiek

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 3: Essential Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 31

Independent Study (190217)

Kristopher Sarosiek

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health **300** Section: 32

Independent Study (190217)

Kristopher Sarosiek

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health **300** Section: 34

Independent Study (190217)

Petros Koutrakis

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health **300** Section: 35

Independent Study (190217)

Petros Koutrakis

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health **300** Section: 36

Independent Study (190217)

Petros Koutrakis

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health **300** Section: 37

Independent Study (190217)

Zachary Nagel

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Environmental Health 300 Section: 38

Independent Study (190217)

Zachary Nagel

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 39

Independent Study (190217)

Zachary Nagel

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air

pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 3: Essential Course

Environmental Health 300 Section: 4

Independent Study (190217)

David Christiani

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 40

Independent Study (190217)

Adam Haber

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 3: Essential Course

Environmental Health 300 Section: 41

Independent Study (190217)

Adam Haber

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 3: Essential Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 42

Independent Study (190217)

Adam Haber

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 43

Independent Study (190217)

Quan Lu

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 44

Independent Study (190217)

Quan Lu

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 45

Independent Study (190217)

Quan Lu

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 46

Independent Study (190217)

Antonella Zanobetti

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 3: Essential Course

Environmental Health 300 Section: 47

Independent Study (190217)

Antonella Zanobetti

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Environmental Health **300** Section: 48

Independent Study (190217)

Antonella Zanobetti

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health **300** Section: 5

Independent Study (190217)

Samuel Myers

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 3: Essential Course
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 52

Independent Study (190217)

Joel Schwartz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 53

Independent Study (190217)

Joel Schwartz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air

pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 54

Independent Study (190217)

Joel Schwartz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 55

Independent Study (190217)

Jin-Ah Park

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health **300** Section: 56

Independent Study (190217)

Jin-Ah Park

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 3: Essential Course

Environmental Health **300** Section: 57

Independent Study (190217)

Jin-Ah Park

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 6

Independent Study (190217)

David Christiani

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 61

Independent Study (190217)

Elsie Sunderland

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 62

Independent Study (190217)

Elsie Sunderland

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 63

Independent Study (190217)

Elsie Sunderland

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 67

Independent Study (190217)

Marc Weisskopf

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health **300** Section: 68

Independent Study (190217)

Marc Weisskopf

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health **300** Section: 69

Independent Study (190217)

Marc Weisskopf

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 7

Independent Study (190217)

Phil Demokritou

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 73

Independent Study (190217)

Russ Hauser

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air

pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	**Value(s)**
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 74

Independent Study (190217)

Russ Hauser

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 75

Independent Study (190217)

Russ Hauser

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 76

Independent Study (190217)

John Spengler

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 300 Section: 77

Independent Study (190217)

John Spengler

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 78

Independent Study (190217)

John Spengler

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 8

Independent Study (190217)

Phil Demokritou

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 88

Independent Study (190217)

Stefanos Kales

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 89

Independent Study (190217)

Stefanos Kales

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 300 Section: 9

Independent Study (190217)

Phil Demokritou

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 90

Independent Study (190217)

Stefanos Kales

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 95

Independent Study (190217)

Francine Laden

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 300 Section: 96

Independent Study (190217)

Francine Laden

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 300 Section: 97

Independent Study (190217)

Francine Laden

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air

pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 1

Research (190222)

David Christiani

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 10

Research (190222)

John Evans

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 11

Research (190222)

John Evans

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 12

Research (190222)

John Evans

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 13

Research (190222)

Shruthi Mahalingaiah

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 14

Research (190222)

Shruthi Mahalingaiah

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 16

Research (190222)

Diane Gold

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 350 Section: 17

Research (190222)

Diane Gold

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 18

Research (190222)

Diane Gold

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 19

Research (190222)

Russ Hauser

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt

ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health **350** Section: 2

Research (190222)

David Christiani

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health **350** Section: 20

Research (190222)

Russ Hauser

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health **350** Section: 21

Research (190222)

Russ Hauser

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health **350** Section: 22

Research (190222)

Susan Korrick

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health **350** Section: 23

Research (190222)

Susan Korrick

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 24

Research (190222)

Susan Korrick

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 25

Research (190222)

Petros Koutrakis

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 26

Research (190222)

Petros Koutrakis

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 27

Research (190222)

Petros Koutrakis

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 28

Research (190222)

Francine Laden

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 29

Research (190222)

Francine Laden

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health **350** Section: 3

Research (190222)

David Christiani

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health **350** Section: 30

Research (190222)

Francine Laden

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 31

Research (190222)

Samuel Myers

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 32

Research (190222)

Samuel Myers

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 350 Section: 33

Research (190222)

Samuel Myers

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 34

Research (190222)

Eileen McNeely

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 35

Research (190222)

Eileen McNeely

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 36

Research (190222)

Eileen McNeely

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 37

Research (190222)

Zachary Nagel

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 38

Research (190222)

Zachary Nagel

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 39

Research (190222)

Zachary Nagel

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 350 Section: 4

Research (190222)

Jack Dennerlein

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 40

Research (190222)

Kristopher Sarosiek

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health **350** Section: 41

Research (190222)

Kristopher Sarosiek

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health **350** Section: 42

Research (190222)

Kristopher Sarosiek

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt

All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 350 Section: 43

Research (190222)

Joel Schwartz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 44

Research (190222)

Joel Schwartz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 45

Research (190222)

Joel Schwartz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 46

Research (190222)

Gary Adamkiewicz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course

Environmental Health 350 Section: 49

Research (190222)

John Spengler

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 5

Research (190222)

Jack Dennerlein

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 50

Research (190222)

John Spengler

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 51

Research (190222)

John Spengler

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 350 Section: 52

Research (190222)

Carmen Messerlian

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 53

Research (190222)

Carmen Messerlian

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 350 Section: 54

Research (190222)

Carmen Messerlian

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt

Environmental Health **350** Section: 58

Research (190222)

Marc Weisskopf

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health **350** Section: 59

Research (190222)

Marc Weisskopf

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 6

Research (190222)

Jack Dennerlein

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 60

Research (190222)

Marc Weisskopf

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 64

Research (190222)

Phil Demokritou

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 65

Research (190222)

Phil Demokritou

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 350 Section: 66

Research (190222)

Phil Demokritou

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 7

Research (190222)

Douglas Dockery

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	**Value(s)**
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 8

Research (190222)

Douglas Dockery

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	**Value(s)**
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 81

Research (190222)

Elsie Sunderland

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 82

Research (190222)

Elsie Sunderland

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 83

Research (190222)

Elsie Sunderland

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 84

Research (190222)

Stefanos Kales

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 85

Research (190222)

Stefanos Kales

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 86

Research (190222)

Stefanos Kales

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 350 Section: 87

Research (190222)

Joseph Allen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 88

Research (190222)

Joseph Allen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 89

Research (190222)

Joseph Allen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health **350** Section: 9

Research (190222)

Douglas Dockery

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health **350** Section: 90

Research (190222)

Maitreyi Mazumdar

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 91

Research (190222)

Maitreyi Mazumdar

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 92

Research (190222)

Maitreyi Mazumdar

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 93

Research (190222)

Bernardo Lemos

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 350 Section: 94

Research (190222)

Peter James

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

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Environmental Health 350 Section: 95

Research (190222)

Peter James

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 96

Research (190222)

Peter James

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt

Environmental Health **350** Section: 97

Research (190222)

Jaime Hart

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Environmental Health **350** Section: 98

Research (190222)

Jaime Hart

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health **350** Section: 99

Research (190222)

Jaime Hart

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health **400** Section: 1

Non-Resident Research (190223)

Douglas Dockery

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health **400** Section: 10

Non-Resident Research (190223)

Diane Gold

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 400 Section: 11

Non-Resident Research (190223)

John Spengler

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 400 Section: 12

Non-Resident Research (190223)

Joel Schwartz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 400 Section: 2

Non-Resident Research (190223)

Douglas Dockery

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 400 Section: 3

Non-Resident Research (190223)

Douglas Dockery

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 400 Section: 4

Non-Resident Research (190223)

John Evans

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 400 Section: 5

Non-Resident Research (190223)

John Evans

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 504 Section: 1

Principles of Toxicology (190224)

Jin-Ah Park

2022 Fall (2.5 Credits) **Schedule:** MW 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 32

The course is designed to expose students to the principles and methods that should be used to determine whether a causal relationship exists between specific doses of an agent and an alleged adverse effect, observed primarily in humans. Integration of principles and methods of toxicology is extremely important since the primary purpose of toxicology is to predict human toxicity. Toxicological data obtained in animal studies must be placed in proper relationship to the exposure observed in the human population. The course deals with organ systems and whole organisms but relies on an understanding of the mechanistic approaches covered in EH508. Key target organs, selected classes of toxic agents and the application of toxicological principles are covered. Students are assigned a topic for a short presentation.

Course notes: This course may be taken for either 2.5 credits (section 1 - for students with a prior medical degree) or 5.0 credits (section 2 - for all other students).

Class Notes: **Section 1 - 2.5 credits - is only for those students with a prior medical degree.**

Section 2 - 5.0 credits - is for all other students.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Timing

Wave 1 | All EH Plans and Subplans

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Environmental Health 504 Section: 2

Principles of Toxicology (190224)

Jin-Ah Park

2022 Fall (5 Credits) **Schedule:** MW 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 33

The course is designed to expose students to the principles and methods that should be used to determine whether a causal relationship exists between specific doses of an agent and an alleged adverse effect, observed primarily in humans. Integration of principles and methods of toxicology is extremely important since the primary purpose of toxicology is to predict human toxicity. Toxicological data obtained in animal studies must be placed in proper relationship to the exposure observed in the human population. The

course deals with organ systems and whole organisms but relies on an understanding of the mechanistic approaches covered in EH508. Key target organs, selected classes of toxic agents and the application of toxicological principles are covered. Students are assigned a topic for a short presentation.

Course notes: This course may be taken for either 2.5 credits (section 1 - for students with a prior medical degree) or 5.0 credits (section 2 - for all other students).

Class Notes: **Section 1 - 2.5 credits - is only for those students with a prior medical degree.**

Section 2 - 5.0 credits - is for all other students.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | EH Plans and Subplans

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Environmental Health 510 Section: 1

Fundamentals of Human Environmental Exposure Assessment (190227)

David Macintosh

2022 Fall (2.5 Credits)		**Schedule:**	TR 0200 PM - 0330 PM
Instructor Permissions:	None	**Enrollment Cap:**	41

This course is designed to provide the tools and foundations necessary to understand the fate and transport of environmental contaminants in various environmental media and to estimate their impact on human exposure. The course will consider human exposure assessment in the context of risk assessment. Physical-chemical properties of contaminants and environmental media will be considered as they relate to developing basic models of human exposure.

Course Activities: Class discussion, computer workshops, lectures, homework assignments, final exam.

Course Note: Calculus and chemistry required. Course required for all EER program students.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8&#x2F;11&#x2F;2022 11:00AM – 8&#x2F;21&#x2F;2022 11:59PM
Wave 2 | 8&#x2F;22&#x2F;2022 12:00AM – 8&#x2F;25&#x2F;2022 11:59PM
Wave 3 | 8&#x2F;26&#x2F;2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Environmental Health 512 Section: 1

Interdisciplinary Training in Pulmonary Sciences Part I (190229)

Quan Lu

2022 Fall (2.5 Credits) **Schedule:** F 0100 PM - 0200 PM
T 0945 AM - 1045 AM

Instructor Permissions: Instructor **Enrollment Cap:** 30

The intersection of environment and health is by necessity an interdisciplinary focus. The most promising advances in lung biology and respiratory disease are resulting from teams of scientists with diverse disciplinary training, including biology, medicine, engineering, and physics. In addition to a strong foundation in a specific discipline, the ability to recognize and act upon opportunities presented by outside disciplines is a crucial skill. This course is designed to train scientists to approach lung biology and respiratory diseases with an interdisciplinary perspective, in particular by bridging the gap between life sciences and physical/engineering sciences. With a focus on laboratory sciences and on mechanistic levels of understanding, course materials will cover 3 main problem areas: asthma, air pollution, and lung infection. The course consists of weekly course-meetings (lectures and case-studies) plus weekly research seminars from the physiology program. Students will gain skills in recognizing the relative strengths and weaknesses of different disciplinary approaches applied to pulmonary sciences, in designing interdisciplinary experiments effectively, and in interpreting interdisciplinary results critically.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Environmental Health 530 Section: 1

Confronting Climate Change: A Foundation in Science, Technology, and Policy (216475)

Daniel Schrag

2022 Fall (5 Credits) **Schedule:** MW 0130 PM - 0245 PM

Instructor Permissions: None **Enrollment Cap:** n/a

This course will consider the challenge of climate change and what to do about it. Students will be introduced to the basic science of climate change, including the radiation budget of the Earth, the carbon cycle, and the physics and chemistry of the oceans and atmosphere. We will look at reconstructions of climate change through Earth history to provide a context for thinking about present and future changes. We will take a critical look at climate models used to predict climate change in the future, and discuss their strengths and weaknesses, evaluating which forecasts of climate change impacts are robust, and which are more speculative. We will spend particular time discussing sea level rise and extreme weather (including hurricanes, heat waves, and floods). We will look at the complex interactions between climate and human society, including climate impacts on agriculture and the relationship between climate change, migration and conflict. We will also discuss strategies for adapting to climate change impacts, and the implications of those strategies for sub-national and international equity.

The last half of the class will consider what to do about climate change. First, we will review the recent history of greenhouse gas emissions, as well as various national and international efforts to limit them in the future. We will discuss reducing carbon emissions using forestry, agriculture and land use, and then focus on how to transform the world's energy system to eliminate CO2 emissions. We will conclude by examining different strategies for accelerating changes in our energy systems to limit greenhouse gas emissions.

The course is intended as a foundational course on climate change for students from around the university, preparing them for more specialized courses in their individual concentrations or degree programs. No prerequisites are required; students will be encouraged to apply their different preparations and interests to the various individual and group assignments. The course emphasizes the scientific and technological aspects of climate change (including the clean energy transition), but in the context of current issues in public policy, business, design and public health.

Class Notes: **This class listing is only used to inform students of GENED 1094. Students are not able to enroll into EH 530.**

All interested students must enroll in the Faculty of Arts and Sciences section of the course, GENED 1094. Please contact the FAS Registrar's Office for enrollment assistance.

Requirements: **HSPH: PW Degree Students**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective
HSPH: Conditionally Approved	Conditionally Approved Course
Course Search Attributes	Display Only in Course Search

Subject: Interdepartmental

Interdepartmental 269 Section: 1

Respiratory Epidemiology (190780)

Diane Gold

2022 Fall (1.25 Credits)		**Schedule:**	R 0200 PM - 0330 PM
Instructor Permissions:	None	**Enrollment Cap:**	27

This course focuses on the Environment, work and respiratory disease: evaluation and control/ sources of disparities in exposures and outcomes. Physician clinician-scientists and epidemiologists review up-to-date studies of environmental and occupational influences on asthma, COPD, viral respiratory infections (focusing on COVID19 and influenza), occupational lung disease, tuberculosis, lung cancer and sleep-disordered breathing. With an international perspective we evaluate environmental and occupational contributions to disparities in respiratory diseases. We share complementary clinical, pathologic, physiologic as well as epidemiologic methods for assessing respiratory outcomes. We critically discuss complementary study designs to document disease prevalence and incidence, and to assess the efficacy of control strategies to reduce exposures, disease and disparities in disease. if you are interested in learning more about the course, please view Harvard's Syllabus Explorer tool (https://syllabus.harvard.edu/) to view last year's syllabus

Course Prerequisites: ID201 or ID200 or EPI201 or EPI208 or EPI505 or ID538 or PHS2000A (all courses may be taken concurrently).

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements:

Pre-requisties: ID201 or ID200 or EPI201 or EPI208 or EPI505 or ID538 or PHS2000A (all courses may be taken concurrently)

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

HSPH: Course Category	Category 4: Elective

Subject: Decision Science

Decision Science 500 Section: 1

Risk Assessment (191111)

John Evans
Ernani Choma

2022 Fall (2.5 Credits)

Schedule: T 0200 PM - 0330 PM
R 0100 PM - 0330 PM

Instructor Permissions: None

Enrollment Cap: 37

Introduces the framework of risk assessment, considers its relationship with cost-benefit, decision analysis and other tools for improving environmental decisions. The scientific foundations for risk assessment (epidemiology, toxicology, and exposure assessment) are discussed. The mathematical sciences involved in developing models of dose-response, fate and transport, and the statistical aspects of parameter estimation and uncertainty analysis are introduced. Case studies are used to illustrate various issues in risk assessment and decision making.

Course Activities: Lectures, discussions, case studies.

Course Note: Course required for all Exposure, Epidemiology and Risk Program students.

Class Notes:

□A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years&#x27; materials fees for the current semester&#x27;s courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Degree Students
Wave 2 | DrPH Students & Wave 1
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8&#x2F;11&#x2F;2022 11:00AM – 8&#x2F;21&#x2F;2022 11:59PM
Wave 2 | 8&#x2F;22&#x2F;2022 12:00AM – 8&#x2F;25&#x2F;2022 11:59PM
Wave 3 | 8&#x2F;26&#x2F;2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be

automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $50

Global Health and Population

Subject: Global Health & Population

Global Health & Population 200 Section: 1

Doing Health Reform Better (220200)

Michael Reich

2022 Fall (2.5 Credits) **Schedule:** TR 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 67

This course provides an introduction to the analysis of health systems and the processes of health reform, with attention to the technical, political, and ethical aspects of "doing health reform better," and a focus on low-income and middle-income countries. The course is structured around the analytical framework of five policy levers of financing, payment, organization, regulation, and persuasion, as critical determinants of health system performance. The course uses different pedagogical formats, including lectures, interactive large-group discussions, case studies, and small group projects. The overall objective is to provide a practical approach for diagnosing the causes of disappointing health system performance, and devising implementable reforms to improve the level and equity of performance—in short, doing health reform better.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Conditionally Approved	Conditionally Approved Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Global Health & Population 204 Section: 1

Foundations of Global Mental Health (211165)

Vikram Patel
Shekhar Saxena

2022 Fall (2.5 Credits) **Schedule:** TR 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 50

The course is an introduction to the field of global mental health. The curriculum is informed by the Lancet Commission on Global Mental Health & Sustainable Development (2018) (https:&#x2F;&#x2F;www.thelancet.com&#x2F;commissions&#x2F;global-mental-health) which proposed a reframing of mental health in three key ways: adopting a dimensional approach to mental health; recognizing the convergence of social and biological determinants in the emergence of mental health problems; and realizing a rights based approach to mental health. The curriculum takes a life course approach and focuses on determinants and risk factors for mental health within a public health framework. Besides the two instructors, who were the lead editors of the Commission, the course includes a selection of leading experts as guest instructors for specific sessions. Along with GHP 208 *Global Mental Health Delivery: From Research to Practice*, offered in Spring 2, this course forms the core of the interdisciplinary concentration in Population Mental Health at Harvard T.H. Chan School of Public Health (https:&#x2F;&#x2F;www.hsph.harvard.edu&#x2F;population-mental-health&#x2F;). This course is cross-listed at Harvard Medical School.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Global Health & Population 210 Section: 1

Concepts and Methods for Global Health and Population Studies (190384)

Winnie Yip
Till Baernighausen

2022 Fall (5 Credits) **Schedule:** W 0200 PM - 0330 PM
F 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 24

This course is intended as a survey of the ideas, theories, data, methods and debates in the study of global health and population. It is organized around two major themes. The first theme – family and population health – will cover the major present and future drivers of population health globally (such as aging, urbanization, changing lifestyles, pandemics, and climate change), as well as the major burdens of diseases and their global distributions. It will further cover the important relationships between global health, human development and equitable societies. One methodological focus of this theme will be population-, community- and family-based interventions to reduce the world's largest health risks and disease burdens, boosting health literacy and fluency, motivating behavior change for health, and enhancing screening and early disease detection, as well as supporting long-term treatment and care. Another methodological focus of this theme will be a broad-scope introduction to the scientific methods of studying family and population health, including approaches to understand the drivers and contexts of health and disease, and designing and evaluating novel interventions and policies.

The second theme – health systems – will cover underlying theories and empirical evidence for analyzing different components of a health care system and how they interact with each other to determine a health system's performance. Specifically, it will cover existing health system frameworks and how they compare with each other, different financing approaches, provider payment methods, market structures, models of organization of healthcare delivery, regulation, and behavioral interventions. It will also cover ethical principles in guiding health system reform and priority setting. In addition, it will cover political economy in health reform decision and implementation. This part of the course adopts an inter-disciplinary approach, drawing on economics, political science, ethics, organizational behavior, among others.

Once students have completed this course, they will be able to (i) describe and explain the major drivers of health and disease worldwide, (ii) identify and explain major mechanisms that connect health with human,

economic and social development, (iii) identify powerful interventions for population health, (iv) select the best methods to discover, design, test, and transport novel interventions and policies to boost population health. They will also be able to (v) describe and explain health systems goal and levers, (vi) compare and contrast the major approaches to funding, paying for, delivering, governing and regulating healthcare, and (vii) distinguish and critically apply alternative conceptions of equity in the context of health and health systems.

Requirements: **Course Restricted: SD, DPH, DRPH, PHD students only**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Global Health & Population 212 Section: 1

The Political Economy of Health in Low and Middle Income Countries (204472)

Kevin Croke

2022 Fall (2.5 Credits) **Schedule:** W 0500 PM - 0800 PM

Instructor Permissions: None **Enrollment Cap:** 25

This seminar examines how political economy influences the health outcomes and the performance of health systems, with a focus on developing countries. The course begins with a review of several key theories and concepts in political economy, focusing on the strategic interactions between politics and economics in health systems. We examine concepts such as "path dependency" to help understand why some policies and institutions are difficult to change; how political institutions like the type of regime (i.e. degree of democracy or authoritarianism) structure political participation and influence health reforms; and how variation in "state capacity" shapes the ability of countries to implement complex reforms. We show how these theories and concepts can be applied to explain past events and how by taking into account political and economic constraints, they can be used to design more successful programs and health reforms. We review different empirical methods, including quantitative&#x2F;causal inference and comparative case study methods and use them to test and extend theory. Theories of policy reform are applied to cases such as health sector reform in Brazil, Turkey, Kenya and other countries based on student interests. The course involves a critical review of theories and the empirical academic literature in order to develop a political economy analysis of a health reform in a country selected by each student. The course is open to doctoral and masters students with a basic understanding of the political economy literature on health systems and interest in applied and academic research.

Class Notes: **A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Global Health & Population 220 Section: 1

Introduction to Demographic Methods (190390)

Marcia Castro

2022 Fall (2.5 Credits) **Schedule:** F 0800 AM - 0930 AM
MW 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 48

This is an introductory level class on the analysis of mortality, fertility and population change. It is required for all masters&#x27; and doctoral students in the department of Global Health and Population. Students are introduced to the core literature in this field through lectures, and assigned readings selected from peer-reviewed journals and textbooks. Together, these provide a graduate-level introduction to the principle sources and characteristics of population data and to the essential methods used for the analysis of population problems. The emphasis throughout is on understanding the key processes, models and assumptions used primarily for the analysis of demographic components. Practical training will be given through a required weekly laboratory session, assignments, and a final examination. Examples presented in class and used in assignments are drawn from several countries, combining both developed and developing in assignments are drawn from several countries, combining both developed and developing world realities.

Course Note: Priority enrollment for GHP-SM2 and doctoral students in GHP. Any remaining seats will be available on a first-come first-serve basis. Students outside of HSPH must request instructor permission to enroll in this course.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups

Wave 1 | PhD PHS-GHP, GHP SM2

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add

themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter

Global Health & Population 230 Section: 1

Introduction to Economics with Applications to Health and Development (190394)

Margaret McConnell

2022 Fall (2.5 Credits) **Schedule:** MW 0200 PM - 0330 PM
F 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 70

This course provides an overview of the microeconomic theories and concepts most relevant for understanding health and development. Each week of the course will cover basic concepts in economics with an application to health.

It describes how the markets for health and health services are different from other goods, with a particular emphasis on the role of government and market failure. In addition it discusses the theoretical and empirical aspects of key health economics issues, including the demand for health and health services, supply side concerns, health insurance, the provision of public goods, and related topics. The course encourages students to fundamentally and rigorously examine the role of the market for the provision of health and health services and how public policy can influence these markets.

At the completion of the course, you will:

1) Understand the basic intuition of microeconomics models of consumers, producers and welfare.
2) Understand market failures, their implications and solutions.
3) Be familiar with current issues in global health economics around the demand for health and health insurance.
4) Consume, discuss and write about economic studies of health and health care systems.

Priority Enrollment: Course is required for GHP-SM2, MPH45-GH and MPH65-GH. Any remaining seats will be available on a first-come first-serve basis. Students outside of HSPH must request instructor permission to enroll in this course.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups

Wave 1 | GHP SM2, MPH45 GH, and PhD PHS-GHP

Wave 2 | GHP SM2, MPH45 GH, and PhD PHS-GHP

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

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****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO

Global Health & Population 231 Section: 1

Sexual and Reproductive Health: A Global Perspective (190395)

Ana Langer

2022 Fall (2.5 Credits) **Schedule:** W 0345 PM - 0645 PM

Instructor Permissions: None **Enrollment Cap:** 35

This course is designed to provide an overview of sexual and reproductive health (SRH) from a global perspective with a focus on the most disadvantaged populations. The course will cover the most critical topics and dimensions in this field, i.e. historic, conceptual, research, methodological, policy, programmatic, rights, and advocacy. The themes will include the role of the global community in shaping the SRH agenda, sexual and reproductive rights, maternal health measurement and quality of care, unsafe

abortion, contraception, adolescents' SRH, women's health along the life course and integration of reproductive healthcare. Gender, social inequalities and rights will be underpinning dimensions along the entire course. Students will be introduced to the core SRH literature and learn about the outstanding debates, acute knowledge gaps, effective evidence-based interventions, progress, current challenges and the most promising public health approaches to overcome them. This course will be fully participatory. Students are expected to reflect on readings, lead discussions, prepare group or individual case studies and prepare assigned homework.

Students outside of HSPH must request instructor permission to enroll in this course

Requirements: **HSPH: HSPH Degr + PHD Stu**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Global Health & Population 262 Section: 1

Emerging Issues in Humanitarian Response and Human Rights (205597)

Patrick Vinck

Michael VanRooyen

2022 Fall (2.5 Credits)		**Schedule:**	TR 1130 AM - 0100 PM
Instructor Permissions:	None	**Enrollment Cap:**	45

The course will provide an introduction to the foundational concepts and emerging issues essential for understanding and engaging in humanitarian and human rights research and action. The course will prepare students to understand and engage in humanitarian response and human rights protection, while examining emerging critical challenges that have multi-dimensional global impacts. These issues include armed conflict, social oppression migration, community engagement and accountability, among other themes. The major options for protection and support- including early warning, prevention, and mitigation strategies - will be analyzed through case studies and discussion of current research findings, and through the lenses of the norms, actors, and processes of international humanitarian and human rights law, operations, and policy.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 272 Section: 1

Foundations of Global Health and Population (190409)

David Bloom

Joel Lamstein

2022 Fall (5 Credits)		**Schedule:**	MWF 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 37

This course is required for all incoming master of science students in Global Health and Population. It is intended as a broad survey of the main facts, issues, perspectives, methods, results, and conclusions in the areas of global population and health.

The course is organized into three blocks. The first block deals with theory, methods, and evidence related to the state of global health and population and reviews salient population and health issues, both past and present. The focus is on patterns and trends in morbidity, mortality, fertility, and reproductive health, as well as the size, structure, and growth of population. Environmental concerns and inequities linked to health and population are also addressed.

The second block deals with the economic, social, legal, political, ecological, and historical contexts in which global health and population issues arise and must be addressed. This block introduces economic, political, and rights-based perspectives on the place of health in the process of international development.

The third block covers approaches to the design and implementation of policies and programs to address health and population problems. Medical interventions, non-medical health interventions, and non-health interventions will all be considered.

Course is Restricted: SM2 research students in the Department of Global Health and Population. Any remaining seats will be made available to other students pending instructor permission.

Class Notes:

□A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | GHP SM2
Wave 2 | GHP SM2
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

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****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll**

in this course

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
HSPH: Course Material Fee Tier	< $25

Global Health & Population 293 Section: 1

Individual and Social Responsibility for Health (190414)

Daniel I. Wikler

2022 Fall (2.5 Credits) **Schedule:** TR 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 25

This course serves as an introduction to ethical issues in the practice of public health, with particular emphasis on those involving individual health-related choices.

Our goals:

- **Identify and articulate the ethical dimensions of decisions arising in the practice of public health.**
- **Contribute to the resolution of ethical dilemmas arising in the practice of public health through logically rigorous and evidence-based ethical reasoning.**
- **Examine the bases for ascription of responsibility for health to individuals, to society, and to others whose actions influence health.**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	**Value(s)**
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 299A Section: 1

Masters Thesis (205230)

Christopher Sudfeld
Nicolas Menzies
Stephane Verguet
Aisha Yousafzai

2022 Fall (2.5 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

This is a year-long course worth a total of 5 credits (2.5 in the fall and 2.5 in the spring).
Student must produce a written thesis in accordance with the thesis guidelines developed by the department.

Course Note: Enrollment limited to GHP SM2 students only.

Grade Note: GHP 299 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. For enrollment purposes and planning credit totals, students should factor 2.5 credits during Fall and 2.5 credits during Spring. Students only receive a grade in GHP 299 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in GHP 299. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 5 credits the student earned from GHP 299.

Requirements: **Course Restricted: GHP SM2 students only**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
Full Year Course	Indivisible Course
HSPH:Year Long Course	HSPH:Year Long Course
eForm Autosubmitter	Auto Submitter

Global Health & Population 300 Section: 1

Independent Study (190419)

Richard Cash

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 101

Independent Study (190419)

Michael VanRooyen

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 102

Independent Study (190419)

Michael VanRooyen

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 103

Independent Study (190419)

Michael VanRooyen

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 104

Independent Study (190419)

Peter Berman

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 108

Independent Study (190419)

Rifat Atun

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 109

Independent Study (190419)

Rifat Atun

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 110

Independent Study (190419)

Rifat Atun

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 111

Independent Study (190419)

Joseph Rhatigan

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 112

Independent Study (190419)

Joseph Rhatigan

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 113

Independent Study (190419)

Joseph Rhatigan

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

HSPH: Indpt. Study / Research	YES

Global Health & Population **300** Section: 114

Independent Study (190419)

Peter Berman

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population **300** Section: 115

Independent Study (190419)

Peter Berman

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Global Health & Population **300** Section: 116

Independent Study (190419)

Stephane Verguet

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 117

Independent Study (190419)

Stephane Verguet

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 118

Independent Study (190419)

Stephane Verguet

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 119

Independent Study (190419)

Margaret Kruk

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 120

Independent Study (190419)

Margaret Kruk

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 121

Independent Study (190419)

Margaret Kruk

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population **300** Section: 122

Independent Study (190419)

Nicolas Menzies

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population **300** Section: 123

Independent Study (190419)

Nicolas Menzies

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 124

Independent Study (190419)

Nicolas Menzies

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 125

Independent Study (190419)

Christopher Sudfeld

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 126

Independent Study (190419)

Christopher Sudfeld

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 127

Independent Study (190419)

Christopher Sudfeld

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 13

Independent Study (190419)

David Canning

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 131

Independent Study (190419)

Jacqueline Bhabha

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 132

Independent Study (190419)

Jacqueline Bhabha

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 133

Independent Study (190419)

Jacqueline Bhabha

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 135

Independent Study (190419)

Martin Lajous Loaeza

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 136

Independent Study (190419)

Martin Lajous Loaeza

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 137

Independent Study (190419)

Martin Lajous Loaeza

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 138

Independent Study (190419)

Jesse Bump

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 139

Independent Study (190419)

Jesse Bump

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 14

Independent Study (190419)

David Canning

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 140

Independent Study (190419)

Jesse Bump

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 15

Independent Study (190419)

David Canning

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 153

Independent Study (190419)

Aisha Yousafzai

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 154

Independent Study (190419)

Aisha Yousafzai

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 155

Independent Study (190419)

Aisha Yousafzai

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 156

Independent Study (190419)

Sebastian Bauhoff

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 157

Independent Study (190419)

Sebastian Bauhoff

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 158

Independent Study (190419)

Sebastian Bauhoff

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 159

Independent Study (190419)

Kevin Croke

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 16

Independent Study (190419)

Marcia Castro

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population **300** Section: 160

Independent Study (190419)

Kevin Croke

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Global Health & Population **300** Section: 161

Independent Study (190419)

Kevin Croke

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population **300** Section: 17

Independent Study (190419)

Marcia Castro

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 18

Independent Study (190419)

Marcia Castro

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 19

Independent Study (190419)

Jessica Cohen

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 2

Independent Study (190419)

Richard Cash

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 20

Independent Study (190419)

Jessica Cohen

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 200

Independent Study (190419)

Mary Wilson

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 201

Independent Study (190419)

Mary Wilson

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 202

Independent Study (190419)

Mary Wilson

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 203

Independent Study (190419)

Phuong Pham

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 204

Independent Study (190419)

Phuong Pham

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 205

Independent Study (190419)

Phuong Pham

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 206

Independent Study (190419)

Stephanie Kayden

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 207

Independent Study (190419)

Stephanie Kayden

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 208

Independent Study (190419)

Stephanie Kayden

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 209

Independent Study (190419)

Patrick Vinck

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 21

Independent Study (190419)

Jessica Cohen

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 210

Independent Study (190419)

Patrick Vinck

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 211

Independent Study (190419)

Patrick Vinck

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 212

Independent Study (190419)

Satchit Balsari

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 213

Independent Study (190419)

Satchit Balsari

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 214

Independent Study (190419)

Satchit Balsari

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 22

Independent Study (190419)

Shekhar Saxena

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 23

Independent Study (190419)

Shekhar Saxena

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 24

Independent Study (190419)

Shekhar Saxena

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 25

Independent Study (190419)

Ole Norheim

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 26

Independent Study (190419)

Ole Norheim

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 27

Independent Study (190419)

Ole Norheim

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 3

Independent Study (190419)

Richard Cash

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 37

Independent Study (190419)

Ana Langer

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 38

Independent Study (190419)

Ana Langer

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 39

Independent Study (190419)

Ana Langer

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 4

Independent Study (190419)

Winnie Yip

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 5

Independent Study (190419)

Winnie Yip

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 52

Independent Study (190419)

Michael Reich

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 53

Independent Study (190419)

Michael Reich

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 54

Independent Study (190419)

Michael Reich

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 6

Independent Study (190419)

Winnie Yip

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 61

Independent Study (190419)

Goodarz Danaei

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 62

Independent Study (190419)

Goodarz Danaei

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 63

Independent Study (190419)

Goodarz Danaei

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 64

Independent Study (190419)

Margaret McConnell

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 65

Independent Study (190419)

Margaret McConnell

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 66

Independent Study (190419)

Margaret McConnell

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 67

Independent Study (190419)

Daniel I. Wikler

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 68

Independent Study (190419)

Daniel I. Wikler

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 69

Independent Study (190419)

Daniel I. Wikler

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Global Health & Population **300** Section: 7

Independent Study (190419)

David Bloom

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Global Health & Population **300** Section: 73

Independent Study (190419)

Vikram Patel

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 74

Independent Study (190419)

Vikram Patel

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 75

Independent Study (190419)

Vikram Patel

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 300 Section: 8

Independent Study (190419)

David Bloom

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 89

Independent Study (190419)

Paul Gregg Greenough

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 9

Independent Study (190419)

David Bloom

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Global Health & Population 300 Section: 90

Independent Study (190419)

Paul Gregg Greenough

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 91

Independent Study (190419)

Paul Gregg Greenough

2022 Fall (0.25 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Global Health & Population 350 Section: 15

Research (190420)

Rifat Atun

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 16

Research (190420)

Till Baernighausen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 350 Section: 17

Research (190420)

Sebastian Bauhoff

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Global Health & Population 350 Section: 18

Research (190420)

David Bloom

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 350 Section: 20

Research (190420)

David Canning

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 350 Section: 21

Research (190420)

Marcia Castro

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	**Value(s)**
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 350 Section: 22

Research (190420)

Jessica Cohen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	**Value(s)**
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 350 Section: 23

Research (190420)

Kevin Croke

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 350 Section: 24

Research (190420)

Goodarz Danaei

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 350 Section: 27

Research (190420)

Margaret Kruk

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 350 Section: 28

Research (190420)

Ana Langer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 29

Research (190420)

Margaret McConnell

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 350 Section: 30

Research (190420)

Nicolas Menzies

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 31

Research (190420)

Michael Reich

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 350 Section: 32

Research (190420)

Joshua Salomon

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 350 Section: 33

Research (190420)

Shekhar Saxena

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 350 Section: 34

Research (190420)

Christopher Sudfeld

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 350 Section: 35

Research (190420)

Stephane Verguet

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 350 Section: 36

Research (190420)

Winnie Yip

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 350 Section: 37

Research (190420)

Aisha Yousafzai

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 400 Section: 40

Non-Resident Research (190421)

Rifat Atun

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 42

Non-Resident Research (190421)

David Canning

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	**Value(s)**
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 400 Section: 43

Non-Resident Research (190421)

Marcia Castro

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 400 Section: 44

Non-Resident Research (190421)

Jessica Cohen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Global Health & Population 400 Section: 45

Non-Resident Research (190421)

Margaret Kruk

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Global Health & Population 400 Section: 46

Non-Resident Research (190421)

Michael Reich

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 400 Section: 47

Non-Resident Research (190421)

Stephane Verguet

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 400 Section: 48

Non-Resident Research (190421)

Margaret McConnell

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 400 Section: 49

Non-Resident Research (190421)

Goodarz Danaei

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 50

Non-Resident Research (190421)

Sebastian Bauhoff

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 400 Section: 51

Non-Resident Research (190421)

Kevin Croke

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 52

Non-Resident Research (190421)

Aisha Yousafzai

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 400 Section: 53

Non-Resident Research (190421)

Nicolas Menzies

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 400 Section: 54

Non-Resident Research (190421)

Winnie Yip

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Global Health & Population 400 Section: 55

Non-Resident Research (190421)

Christopher Sudfeld

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population **400** Section: 58

Non-Resident Research (190421)

Shekhar Saxena

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population **400** Section: 59

Non-Resident Research (190421)

David Bloom

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 400 Section: 60

Non-Resident Research (190421)

Ana Langer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 525 Section: 1

Econometrics for Health Policy (190440)

Terence Cheng

2022 Fall (5 Credits) **Schedule:** TR 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 67

This is a course in applied econometrics for doctoral and advanced master level students. The course has two primary objectives: (1) to develop skills in linking economic behavioral models and quantitative analysis, in a way that students can use in their own research; (2) to develop students' abilities to understand and evaluate critically other peoples' econometric studies.

The course focuses on developing the theoretical basis and practical application of the most common empirical models used in health policy research. In particular, it pays special attention to a class of models identifying causal effects in observational data, including instrumental variable estimation, simultaneous equations and two-stage-least-squares, quasi-experiments and difference-in-difference method, sample selection, treatment effect models and propensity score methods.

Lectures will be complemented with computer exercises building on public domain data sets commonly used in health research. The statistical package recommended for the exercises is Stata.

Course Note: Students are expected to be familiar with probability theory (density and distribution functions) as well as the concepts underlying basic ordinary least square (OLS) estimation.

Course Activities: Optional review and computer lab sessions will be held.

Course Prerequisites: BST210 or BST213; or equivalent course taken at Harvard Chan or HGSE with instructor permission

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups
Wave 1 | GHP SM2, PhD PHS-GHP
Wave 2 | GHP SM2, PhD PHS-GHP

Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8&#x2F;11&#x2F;2022 11:00AM – 8&#x2F;21&#x2F;2022 11:59PM
Wave 2 | 8&#x2F;22&#x2F;2022 12:00AM – 8&#x2F;25&#x2F;2022 11:59PM
Wave 3 | 8&#x2F;26&#x2F;2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Prerequisite: BIO210 or BIO213. Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO

Global Health & Population 539 Section: 1

Control of Infectious Diseases in Low/Mid Income Countries: Social, Political & Economic Dimensions (190453)

Richard Cash

2022 Fall (2.5 Credits) **Schedule:** TR 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 55

This course develops knowledge, skills and values to analyze the social, political and economic determinants and outcomes of selected infectious diseases (bacterial and viral) of importance in low- and middle- income countries. Speakers include both practitioners and scholars in the field. Students work in small groups to research, prepare and present illustrative case studies, which highlight the importance of context in formulating effective and feasible interventions for prevention and control. Analytic frameworks are developed to provide future guidance in dealing with these and other infectious diseases in low-resource settings. The course assumes a basic understanding of disease-specific epidemiology and stimulates critical thinking.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Global Health & Population 552 Section: 1

Leadership Development in Global Health (190465)

Roman Macaya

2022 Fall (1.25 Credits) **Schedule:** W 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 30

Sponsored by the Harvard Chan Senior Leadership Fellows Program, each offering of this course series is taught by the Senior Leadership Fellow in residence for that term. Each course is unique and reflects the individual Fellow's career and leadership. Fellows address a wide variety of leadership challenges in areas such as politics and public health, health equity, policy implementation, poverty and access to healthcare, community health, universal health coverage, and beyond. For more on Senior Leadership Fellow courses and the current offerings, visit hsph.me/SLFPcourses.

Course Note: Leadership courses are offered for ordinal grade only and are open to all Harvard University students. Students from schools other than Harvard Chan School must cross-register. Any undergraduates must first get approval from their degree program, and can take these courses for a letter grade only. These courses will fill on a first-come, first-serve basis.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective

Global Health & Population 553 Section: 1

Human Rights Dilemmas in Child Protection (190466)

Jacqueline Bhabha

2022 Fall (2.5 Credits) **Schedule:** TR 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 30

A growing number of children and adolescents around the world are subjected to violence, exploitation and other forms of abuse. These harms persist despite the proliferation of international norms and structures designed to protect this population and promote its wellbeing. In many cases global transformations exacerbate rather than reduce the risks of abuse and increase the protection challenges these risks give rise to. Though each category of child protection deficit has its own characteristics and its attendant normative framework, they all share common and definable elements. These commonalities reflect key structures of the society in which the harms occur: growing income inequality and poverty; natural or man-made disasters of unprecedented destruction; a failure to move beyond concerns relating to basic child

survival and attend to core child protection concerns. The study of how societies address their child protection obligations, including the normative framework, advance planning and policy and practice initiatives undertaken, reveals a series of profound and unresolved dilemmas that go to their self-definition as global players. An investigation of the human rights dilemmas that arise in child protection on a global scale presents, in a microcosm, a perspective on the social and political dynamics affecting some of the world's most vulnerable populations.

The perspective of this course is twofold. One focus is on the child protection issues themselves, their genesis and impact. The other is on the human rights strategies and dilemmas relevant to those (at both the individual and societal level) charged with responding to rights violations affecting children and fulfilling public child protection obligations. In the midst of historic technological advances and significant progress in the realm of international human rights, the strategic choices and responsibilities facing leaders and others concerned with child protection are of increasing complexity and scope. Some challenges require long term structural planning and the ability to marshall resources for child protection across agencies and governments. Other challenges require immediate emergency responses that entail diplomatic, logistical and leadership skills. Yet others require multidisciplinary, integrative talents in order to understand and impinge on detrimental contemporary transformations that have aggravated the plight of many of the world's most vulnerable children. Little work has been carried out systematically in any of these areas, with the result that expertise on the ground is thin and operates in a somewhat evidence-free zone.

A key concern of the course will be to integrate legal approaches with those developed in the health and social sciences. A recurring theme will be the evaluation of how international obligations map onto policy outcomes and how human rights mechanisms affect problems facing vulnerable children on the ground. The course will begin with a brief review of the theory and literature relating to child protection and international human rights. It will proceed with an in depth discussion of case studies covering central aspects of child protection, child labor, child trafficking, child soldiering and child persecution. Analytic points will be derived from an investigation of specific problems, the legal frameworks relating to them and the solutions that have been advanced to address them.

Class Notes:	**A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**
Requirements:	**Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO

Global Health & Population 557 Section: 1

Fundamentals of Global Health (190470)

Rifat Atun

2022 Fall (5 Credits)	**Schedule:**	F 0945 AM - 1115 AM MW 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 67

This course will introduce the students to the fundamentals of global health, in particular the main trends, challenges, opportunities and strategies. The course will will explore current knowledge base, perspectives, and methods for global health. This course is required for all incoming Master of Public Health students in the Department of Global Health and Population.

The course is organized into four blocks. The first block deals with evidence, theory, and methods related to the state of global health and population and their determinants, both past and present. In particular the first block focuses on the changes in the broad context, including patterns and trends in demographic, epidemiology, political, economic, legal, ecological, socio-cultural and technological changes that influence global health.

The second block covers the theory, methods and evidence on the approaches used to design, implement and evaluate policies to address global health and population problems. This block explores applied frameworks and strategies for managing the technical and political aspects of a policy cycle, and introduce students to approaches used in priority setting.

The third block introduces domains of responses to the challenges in global health and population, including global health architecture, financing of global health, global health systems and strategies for managing health risks, communicable diseases and non-communicable diseases. Universal health coverage and human rights as critical platforms for equitable responses in global health challenges are discussed.
The fourth block, lessons from the field, consists of integrative sessions that will use case studies to showcase examples of global health and population challenges experienced in different contexts and countries. Strategic responses to these challenges in varied contexts will be discussed and solutions generated within constraints identified. The integrative sessions will provide linkages among the three earlier blocks, while bringing together theory, empirical evidence, policy and practice.

Course restricted to MPH45 students in Global Health.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups
Wave 1 | MPH 45 GH
Wave 2 | MPH 45 GH
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Course Restricted to MPH students in the GH field of study.**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Global Health & Population 569 Section: 1

Decolonizing Global Health (218173)

Jesse Bump

2022 Fall (2.5 Credits) **Schedule:** M 0345 PM - 0645 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

Widening inequality, enduring patterns of extraction, persistent power imbalances, and ongoing marginalization stand in stark opposition with the goals of global health and standard narratives of its triumphs. The COVID-19 pandemic has brought additional awareness to racial, economic, and other inequalities within and between societies, and also has raised questions about why so much unfairness endures. This course engages and interrogates colonialism and its sequelae as major causes of current problems, aiming to define and advance a decolonization agenda. It seeks to address central weaknesses in global health's decolonization movement, particularly the limited engagement with historical scholarship and decolonization theory, which are necessary to understand the mechanisms of colonialism, and to contest its ongoing influence in global health. The course focuses mainly on the 19th and 20th centuries, placing particular emphasis on the role of public health and medicine in colonial and imperial contexts to analyze how these policy areas were shaped to serve metropolitan material and intellectual goals. Comparative case analyses will be used to illuminate the difference between decision making on health policies in colonial and metropolitan contexts, and to connect patterns of the past with intellectual and institutional features of global health. This graduate seminar course is open to masters and doctoral students.

Class Notes: **□A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Material Fee Tier	< $50

Global Health & Population 945A Section: 1

Applied Practice and Integrative Learning Experience for Global Health (MPH45) (205232)

Peter Berman

2022 Fall (1.25 Credits) **Schedule:** T 0530 PM - 0700 PM

Instructor Permissions: None **Enrollment Cap:** 64

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

This course is required for all students in the MPH45 Global Health Field of Study as part of the program&#x27;s culminating experience requirement. The course emphasizes practical skills, and provides opportunities to connect with professionals and communities of practice in global health. The course sessions and networking opportunities are organized around:

► the global health practice experience which is undertaken throughout the academic year and for many students, provides a focus during Winter Session. For all projects, at least 120 work hours are required.

► a poster presentation to fellow students and faculty the application of theoretical and conceptual frameworks acquired at Harvard Chan within the context of the global health practice experience, as well as a written project abstract and brief self-reflection on lessons learned.

Co-requisite: GHP 945B Practice and Culminating Experience II (Spring II)

Grade Note: GHP 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. For enrollment purposes and planning credit totals, students should factor 1.25 credits during Fall and 1.25 credits during Spring. Students only receive a grade in GHP 945 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in GHP 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from GHP 945.

Class Notes: **A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Requirements: **MPH45 Global Health students only**

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Indpt. Study / Research	NO
Full Year Course	Indivisible Course
HSPH: Course Material Fee Tier	< $25
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Interdepartmental

Interdepartmental 250 Section: 1

Ethical Basis of the Practice of Public Health (190768)

Daniel I. Wikler

2022 Fall (2.5 Credits) **Schedule:** MW 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 37

This course serves as an introduction to ethical issues in the practice of public health. Students will identify a number of key ethical issues and dilemmas arising in efforts to improve and protect population health and will become familiar with the principal arguments and evidence supporting contesting views. The class aims to enhance the students&#x27; capacity for using ethical reasoning in resolving the ethical issues that will arise throughout their careers.

Unlike courses in medical ethics, which mainly examine ethical dilemmas facing individual clinicians, the population-level focus of this course directs our attention to questions of ethics and justice that must be addressed at the societal level.

These include:
► What social response is required of a just society to the needs of its members for protecting and restoring health?
► Is population health something other than the aggregate of the health concerns of the individuals who make up a society at a given time? And what are the ethical implications of the answers?
► When are inequalities in health inequitable, and what priority should be assigned to reducing disparities in health when pursuing this goal might compromise the effort to maximize population health?
► Which ethical choices, if any, are unavoidable in developing the methodologies for measurement of health and of the global burden of disease?
► Which ethical choices if any are unavoidable in developing and using methods for priority-setting such as cost-effectiveness analysis and cost-benefit analysis? Are the ethical commitments of the profession of public health consistent with some methods and not others?
► Should the institution of universal health coverage be guided by ethical precepts and if so, what are these values and how should they guide policy?
► Can and should public health&#x27;s dedication to improving population health conflict with the priorities of some individuals whose choices to not reflect such high priority for health? Should these individual preferences always be respected? Are there effective strategies that pursue population health in the face of such conflicts while preserving the individual&#x27;s freedom to make unhealthy choices?
► How should responsibility for poor health be assigned, and what are the ethical implications of this assignment for poor health due to health problems due to smoking, obesity, and other unhealthy behavior? To the extent that the socioeconomic health gradient reflects differences in how well people take care of themselves are these disparities in health individual failings rather than social injustices?

Class Notes: **□A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 3: Essential Course
HSPH: Course Material Fee Tier	< $25

Interdepartmental 552 Section: 1

Innovation and Global Health Systems (190829)

Rifat Atun

2022 Fall (2.5 Credits)		**Schedule:**	MW 0345 PM - 0515 PM
Instructor Permissions:	None	**Enrollment Cap:**	55

This course examines innovation from a systems perspective. Aimed at high level practitioners interested in leadership roles in the public, private, nonprofit and multi&#x2F;bi-lateral arenas, the course will take the form of a structured discussion-based seminar. Objectives are to gain foundational knowledge on health systems thinking and innovation through cross-cutting themes, case studies and enabling ecosystems. Throughout, high-level leaders will join the course, providing an opportunity for students to gain a deep understanding of respective areas of expertise. Because of the importance of exposing future practitioners and leaders to current innovators in the field of health systems, approximately 40% of the sessions for this course will be facilitated by outside faculty and speakers.

Class Notes:

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years&#x27; materials fees for the current semester&#x27;s courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | GHP SM2, MPH45 GH, PhD PHS-GHP
Wave 2 | DRPH & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8&#x2F;11&#x2F;2022 11:00AM – 8&#x2F;21&#x2F;2022 11:59PM
Wave 2 | 8&#x2F;22&#x2F;2022 12:00AM – 8&#x2F;25&#x2F;2022 11:59PM
Wave 3 | 8&#x2F;26&#x2F;2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements:

Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $75

HSPH Interdepartmental

Subject: Interdepartmental

Interdepartmental 224 Section: 1

Survey Research Methods for Public Health (220372)

Thomas Mangione

2022 Fall (2.5 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** 35

This course covers research design, sample selection, questionnaire construction, interviewing techniques, the reduction and interpretation of data, and related facets of population survey investigations. Content focuses primarily on the application of survey methods to problems of health program planning and evaluation. Treatment of methodology is sufficiently broad to be suitable for students who are concerned with epidemiological, nutritional, or other types of survey research.

Requirements: **Course Restricted: Course open to MPH-GEN and MPH-EPI students only**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
All: Cross Reg Availability	Not Available for Cross Registration

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Interdepartmental 254 Section: 1

Political Epidemiology: Oppression and Resistance as Determinants of Health (220430)

Natalia Linos

2022 Fall (1.25 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** 60

This course examines the social and political determinants of health, focusing on historic and ongoing systems of structural discrimination and exclusion which harm health and threaten health equity. It is intended to be an introductory course and will use examples from both the United States and a number of other countries/regions to explore how power and politics shape health and health equity.

Through a series of lectures by scholars of health justice, this course will enable students to analyze how history and institutional dynamics shape health as well as scientific knowledge about health. Using casestudy presentations and referencing a range of theoretical frameworks, from settler colonialism to racial capitalism, the course aims to show how research can support advocacy and community efforts to advance health justice. While the course predominantly focuses on structural racism and health, it will also underscore the need to take account of structural discrimination based on ability/disability status, sexual orientation and gender identity, and legal status, to name a few.

Class Notes: **A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to**

enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: **Course Restricted: Course open to MPH-GEN students only**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $25
HSPH: Course Category	Category 2: Required Course

Interdepartmental 255 Section: 1

Public Health Leadership: Personal Mastery (220456)

Cyra Dougherty

Cathy Tso

2022 Fall (1.25 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** 60

Public Health Leadership: Personal Mastery is intended to provide students with opportunities to grow as leaders. The content of the course is informed by a deep understanding of reflective awareness practices as well as core leadership development theories from adult development, emergent strategy, authentic leadership, adaptive leadership, and teaming. Leadership development often requires the nimble ability to expand or shift one's perceptions of oneself, others, and the world at large. In this course, you will develop an understanding of yourself as a leader; discern your values and purpose as you understand it today; reflect upon your strengths, preferences, growth edges, and limitations; practice skills of listening, dialogue, and connection that often support leaders in working with others; learn practical ways of becoming aware of, accepting, and changing old habits and patterns that do not serve you anymore or that do not serve you in every context; and learn the value of candid feedback and reflection processes.

Class Notes: **A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Requirements: **Course Restricted: Course open to MPH-GEN students only**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Material Fee Tier	< $75

Interdepartmental 946A Section: 1

Applied Practice Experience for MPH Generalist (220812)

David Matheson

2022 Fall (1.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	None	**Enrollment Cap:**	60

All students completing a Master of Public Health degree in accredited schools of public health in the US must complete an Applied Practice Experience ("Practicum"). This required course is designed to provide some tools and insights that will be useful in future professional practice in health management; assist MPH Generalist students in identifying and completing a practicum experience that will be of value to their professional development; share that experience with their MPH Generalist colleagues via a "peer-to-peer" joint learning experience.

Class Notes: **Grade Note: ID 946 is a yearlong class comprised of two parts: Part A in the Fall and Part B in Spring 1. For enrollment purposes and planning credit totals, students should factor 1.25 credits during Fall and 1.25 credits during Spring. Students only receive a grade in ID 946 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in ID 946A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of Spring 1. When the Spring 1 grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from ID 946.**

Requirements: **Course Restricted: Course open to MPH-GEN students only**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $25
eForm Autosubmitter	Auto Submitter

Health Policy and Management

Subject: Health Policy & Management

Health Policy & Management 206 Section: 1

Economic Analysis (190524)

David Hemenway

2022 Fall (5 Credits)

Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 66

A course on microeconomics, focusing on the uses and limitations of the economic approach, with applications to public health and medical care.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45-HP, MPH65-HP, HPM SM1
Wave 2 | All MPH-HPM
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO

Health Policy & Management 210 Section: 1

United States Health Policy (190528)

John McDonough

2022 Fall (2.5 Credits)		**Schedule:**	MW 0945 AM - 1115 AM
Instructor Permissions:	None	**Enrollment Cap:**	64

This course will provide students with a basic and thorough understanding of the U.S. health system focusing on access, quality of care, and costs. Students will learn how the system and its most important sub-elements are structured, how care is organized, delivered, and financed, and how national health reform is influencing the future direction of the system. Students will write five policy memos concerning immediate and real-world U.S. health policy issues.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH Health Policy Students
Wave 2 | MPH Health Policy Students
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8&#x2F;11&#x2F;2022 11:00AM – 8&#x2F;21&#x2F;2022 11:59PM
Wave 2 | 8&#x2F;22&#x2F;2022 12:00AM – 8&#x2F;25&#x2F;2022 11:59PM
Wave 3 | 8&#x2F;26&#x2F;2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Health Policy & Management 219 Section: 1

Financial Transactions and Analysis (190537)

Bonnie Blanchfield

2022 Fall (2.5 Credits)		**Schedule:**	MW 0945 AM - 1115 AM
Instructor Permissions:	None	**Enrollment Cap:**	60

This intensive course introduces concepts of financial accounting for the non-accountant user of financial information. Basic accounting transactions, statement preparation, concepts of accrual vs. cash accounting, and nonprofit healthcare accounting are presented in the first half of the course. The second half focuses on statement analysis in a variety of health care organizations.

Course Notes: Prior to the first class, students taking HPM 219 are required to complete pre-work which includes several readings and a short problem.

Course is mutually exclusive with GHP211. You may not take both this course and GHP211.

Class Notes:

☐A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45-HM, MPH65-HM, DRPH
Wave 2 | MPH45-HM, MPH65-HM, DRPH
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Course mutually exclusive with GHP211**

Additional Course Attributes:

Attribute	**Value(s)**
HSPH: Course Material Fee Tier	< $75

HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

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Health Policy & Management 220 Section: 1

Financial Management and Control (190538)

Richard Siegrist

2022 Fall (2.5 Credits) **Schedule:** MW 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 50

The course is designed to introduce students to cost accounting and management control concepts and uses for health service organizations. The first part of the course develops a basic knowledge of cost accounting, including full and differential costing techniques. The remainder of the course focuses on management control structure and process, and addresses topics such as pricing, capital investment analysis, budgeting and variance analysis.

Course Notes: HPM 219 is recommended but not required.

Registration Note:
-Course is mutually exclusive with GHP211. You may not take both this course and GHP211.

Class Notes:

☐A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH45-HM, MPH65-HM, DRPH

Wave 2 | MPH45-HM, MPH65-HM, DRPH

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending

no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Mutually Exclusive Course: GHP211**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Health Policy & Management 223 Section: 1

Public Speaking for Managers (190541)

Jack Rossin

2022 Fall (1.25 Credits) **Schedule:** T 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 15

This course gives the student the opportunity to develop skills in oral communication. Emphasis is placed on the techniques most useful to managers. Students will receive feedback in a supportive classroom environment.

Registration Note: HPM students only. Non-HPM students require instructor approval.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups

Wave 1 | All HPM including SM1

Wave 2 | All HPM including SM1

Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be

automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **HSPH: HPM 223**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration

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Health Policy & Management 235 Section: 1

Managing Health Care Costs (190553)

Jeff Levin-Scherz

2022 Fall (2.5 Credits) **Schedule:** MW 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 67

Health care costs continue to be high in the United States, and the high cost of health care crowds out other societal needs while the US health care system appears to deliver less value than many other health care systems. Health care costs are a challenge for individuals, for employers, and for government. The Affordable Care Act led to a substantial increase in the number of Americans with insurance, although it is likely that the health market will undergo substantial changes over the coming months and years. The COVID-19 pandemic led to a one-year decrease in health care spending in 2020, but costs have again rebounded. The biggest challenge has been how to lower the cost of health care without diminishing quality or innovation.

We will review the advantages, disadvantages and feasibility of different approaches to moderating rising costs, including benefit design, medical management, utilization review, provider profiling and reporting, information technology, and regulatory action. We will also review efforts to improve health care affordability in other countries, although the main focus of the course is the US health care system.

Students will be encouraged to develop their own critical assessment of the prospects of using these techniques to control health care spending and to improve access and quality of care. This course consists of both lectures and case studies. Guest speakers will provide a first-hand perspective on some topics. Students will do a qualitative and quantitative evaluation of an intervention to lower health care costs for the final group project.

Class Notes: **☐A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter

Health Policy & Management 268 Section: 1

Methods and Tools for Quality Improvement (204466)

Lindsay Martin
William Berry

2022 Fall (2.5 Credits) **Schedule:** F 0945 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 40

Students will learn the fundamental skills of improvement through a mix of presentation, application, and group work. The class will provide a historical overview of different quality methods and then center on the Model for Improvement as the approach for in-depth exploration. In addition to gaining the fundamental skills necessary to participate in quality improvement initiatives, students will earn the components necessary to lead quality improvement. Furthermore, by taking a deep dive into reliability science, students will gain the ability to formulate and create changes that can have a lasting impact in health care, and to build the infrastructure in an organization necessary to accommodate those changes.

Throughout the course students will work in a group on a quality improvement project. The project will be an opportunity to do real-time application of the skills learned in class and will form the basis of the student's grade in the course.

All classes will contain four components: (1) a description of the applicable principles and structures that primarily influence the theory being discussed; (2) an exercise that enables immediate application/practice of the theory taught; (3) an example and/or opportunity to apply the theory in health care; (4) dedicated time to work with a group on an improvement project and get real-time coaching from faculty. Students will be expected to actively engage in all four components of the class.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups

Wave 1 | MPH45 HM, MPH65 HM, ALL DRPH

Wave 2 | All HPM incl SM1, ALL DRPH

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

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Health Policy & Management 282 Section: 1

Innovative Problem Solving & Design Thinking in Healthcare (204473)

Linda Cyr

2022 Fall (2.5 Credits) **Schedule:** F 1000 AM - 0115 PM

Instructor Permissions: None **Enrollment Cap:** 25

Innovative problem solving is a critical skill for healthcare leaders confronting disruptive change and operating in increasingly complex and fast-paced environments. The capacity to innovate is essential to effectively serving patients, improving outcomes and developing sustainable organizations. Design thinking is a disciplined approach to innovation that focuses intensely on the intersection of human needs and values, technical feasibility and strategic viability to create end-user value and pursue market opportunity. Healthcare organizations such as the Mayo Clinic, Kaiser Permanente and the UK&#x27;s National Health Service (NHS) as well as Ministries of Health in many countries are turning to design thinking to improve patient care and citizen health.

In contrast to a traditional approach to problem solving that focuses on deciding among known solutions, an innovative approach seeks the best solution possible given available resources, time, and team competencies. Innovative problem solving maximizes learning to reduce uncertainty by focusing on generation of new alternatives, experimentation, and exploration of multiple solutions.

Learning will occur through a mix of individual and group exercises in class as well as a series of graded and ungraded assignments that enable you to effectively use innovation tools, acquire skills, and adopt mindsets that complement the analytical approaches you have developed in other courses.
Course Note: Priority will be given to MPH HM, MPH HP, and DrPH students. This course will be taught at the Harvard iLab.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups
Wave 1 | MPH65 HMGT, MPH45 HMGT

Wave 2 | All HPM
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8&#x2F;11&#x2F;2022 11:00AM – 8&#x2F;21&#x2F;2022 11:59PM
Wave 2 | 8&#x2F;22&#x2F;2022 12:00AM – 8&#x2F;25&#x2F;2022 11:59PM
Wave 3 | 8&#x2F;26&#x2F;2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
HSPH: Course Material Fee Tier	< $25
HSPH: Indpt. Study / Research	NO

Health Policy & Management 300 Section: 14

Independent Study (190611)

Andre Nogueira

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 300 Section: 16

Independent Study (190611)

Jeff Levin-Scherz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 17

Independent Study (190611)

Jeff Levin-Scherz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 300 Section: 18

Independent Study (190611)

Jeff Levin-Scherz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 19

Independent Study (190611)

William Bean

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Health Policy & Management 300 Section: 20

Independent Study (190611)

Matt Miller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 21

Independent Study (190611)

Matt Miller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 22

Independent Study (190611)

William Berry

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 23

Independent Study (190611)

William Berry

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective

Health Policy & Management 300 Section: 24

Independent Study (190611)

William Berry

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 25

Independent Study (190611)

Meredith Rosenthal

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 26

Independent Study (190611)

Meredith Rosenthal

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 27

Independent Study (190611)

Meredith Rosenthal

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 3

Independent Study (190611)

Ankur Pandya

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 30

Independent Study (190611)

Sara Bleich

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Health Policy & Management 300 Section: 300

Independent Study (190611)

William Bean

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective

Health Policy & Management 300 Section: 31

Independent Study (190611)

Benjamin Sommers

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 32

Independent Study (190611)

Benjamin Sommers

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 33

Independent Study (190611)

Benjamin Sommers

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 37

Independent Study (190611)

John McDonough

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 38

Independent Study (190611)

John McDonough

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 39

Independent Study (190611)

John McDonough

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 4

Independent Study (190611)

Emma-Louise Aveling

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 41

Independent Study (190611)

G. Gazelle

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 42

Independent Study (190611)

G. Gazelle

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 43

Independent Study (190611)

Nancy Turnbull

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 44

Independent Study (190611)

Nancy Turnbull

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 45

Independent Study (190611)

Nancy Turnbull

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 46

Independent Study (190611)

Michaela Kerrissey

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	**Value(s)**
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective

Health Policy & Management 300 Section: 47

Independent Study (190611)

Michaela Kerrissey

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 48

Independent Study (190611)

Michaela Kerrissey

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 300 Section: 5

Independent Study (190611)

Emma-Louise Aveling

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 50

Independent Study (190611)

Jeremy Nobel

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 51

Independent Study (190611)

Jeremy Nobel

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 52

Independent Study (190611)

Jane Kim

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 53

Independent Study (190611)

Jane Kim

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 54

Independent Study (190611)

Jane Kim

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 55

Independent Study (190611)

Leonard Marcus

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 56

Independent Study (190611)

Leonard Marcus

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 57

Independent Study (190611)

Leonard Marcus

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 6

Independent Study (190611)

Emma-Louise Aveling

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 61

Independent Study (190611)

Richard Siegrist

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 62

Independent Study (190611)

Richard Siegrist

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 63

Independent Study (190611)

Richard Siegrist

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 300 Section: 64

Independent Study (190611)

Jay Winsten

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 65

Independent Study (190611)

Amy Rosenthal

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 66

Independent Study (190611)

Amy Rosenthal

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 67

Independent Study (190611)

Amy Rosenthal

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 300 Section: 68

Independent Study (190611)

David Hemenway

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 300 Section: 69

Independent Study (190611)

David Hemenway

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 300 Section: 7

Independent Study (190611)

Delia Wolf Christiani

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 70

Independent Study (190611)

David Hemenway

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 71

Independent Study (190611)

Joseph P. Newhouse

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 300 Section: 72

Independent Study (190611)

Joseph P. Newhouse

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Health Policy & Management 300 Section: 73

Independent Study (190611)

Joseph P. Newhouse

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 76

Independent Study (190611)

Sarthak Das

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 77

Independent Study (190611)

Sarthak Das

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Health Policy & Management 300 Section: 78

Independent Study (190611)

Sarthak Das

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 79

Independent Study (190611)

Linda Cyr

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Health Policy & Management 300 Section: 80

Independent Study (190611)

Linda Cyr

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 300 Section: 82

Independent Study (190611)

Linda Cyr

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 300 Section: 83

Independent Study (190611)

Anna Sinaiko

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Health Policy & Management 300 Section: 84

Independent Study (190611)

Anna Sinaiko

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 85

Independent Study (190611)

Anna Sinaiko

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

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Health Policy & Management 300 Section: 86

Independent Study (190611)

William Bean

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Health Policy & Management 300 Section: 87

Independent Study (190611)

Ameet Sarpatwari

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 88

Independent Study (190611)

Ameet Sarpatwari

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 89

Independent Study (190611)

Ameet Sarpatwari

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 9

Independent Study (190611)

Bonnie Blanchfield

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 300 Section: 90

Independent Study (190611)

Linda Kaboolian

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 300 Section: 91

Independent Study (190611)

Linda Kaboolian

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Health Policy & Management 350 Section: 1

Research (190615)

David Bates

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 13

Research (190615)

Katherine Swartz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Health Policy & Management 350 Section: 14

Research (190615)

Katherine Swartz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 350 Section: 15

Research (190615)

Katherine Swartz

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 350 Section: 2

Research (190615)

David Bates

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 350 Section: 3

Research (190615)

David Bates

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Health Policy & Management 350 Section: 4

Research (190615)

David Hemenway

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Health Policy & Management 350 Section: 5

Research (190615)

David Hemenway

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Course Evaluation	Course Evaluation Exempt

Health Policy & Management 350 Section: 6

Research (190615)

David Hemenway

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	**Value(s)**
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 350 Section: 7

Research (190615)

Meredith Rosenthal

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 350 Section: 8

Research (190615)

Meredith Rosenthal

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Health Policy & Management 350 Section: 9

Research (190615)

Meredith Rosenthal

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 513 Section: 1

Writing Persuasively About Public Health (205644)

Gregory Harris

2022 Fall (2.5 Credits) **Schedule:** TR 0345 PM - 0515 PM

Instructor Permissions: Instructor **Enrollment Cap:** 18

This intensive course in effective writing focuses on the strategies and techniques behind great persuasive writing in topics related to public health. Every element of writing for a general audience will be explored and addressed, as well as every stage of the process, from idea generation to revision. Weekly writing assignments, along with many focused exercises, will hone skills and provide ample opportunity for feedback.

Registration Note: Enrollment in Writing Persuasively About Public Health is by permission of the instructor. To apply, please submit (1) A 200-300 word statement about a topic you wish to write about in public health and why you wish to write about it, (2) a 200-300 word self-evaluation of your strengths and weaknesses as a writer, and (3) a 3-page sample from something you've previously written. This can be an academic paper, an assignment for another class, or something written outside of school. It can be an excerpt from a longer piece. Please submit this to the course instructor via email.

Class Notes: □**A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	**Value(s)**
HSPH: Course Category	Category 4: Elective
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

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Health Policy & Management 526 Section: 1

Long-Term Care Policy in the U.S. (220615)

Susan Lynch

2022 Fall (2.5 Credits) **Schedule:** F 0945 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 30

The goal of this course is to provide students with a strong foundation of knowledge and understanding of the long-term care system in the United States and to explore long-term care policy reforms that are under consideration to improve long term care quality in various provider settings viewed through an equity lens. Specifically, this course will examine long-term care quality workforce issues, ownership, emergency preparedness, and reimbursement issues, as well as explore current legislative and regulatory efforts and innovative long-term care delivery models. Students will have the opportunity to explore these critical topics and strategic approaches through patient interviews, a team policy paper and presentation, and a final long-term care policy reform project.

Additional Course Attributes:

Attribute	**Value(s)**
HSPH: Conditionally Approved	Conditionally Approved Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Health Policy & Management 539 Section: 1

Health Care Organizations & Organizational Behavior (190644)

Michaela Kerrissey

2022 Fall (2.5 Credits) **Schedule:** MW 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 75

The Institute of Medicine's goal of health care that is safe, effective, patient-centered, efficient, timely, and equitable won't be accomplished primarily through policy reform. Health care organizations individually and collectively must learn to innovate, change, and improve continuously.

Health care organizations are made up of individuals, groups, and teams-their customers, suppliers, and

employees-who make each organization unique. Successfully leading in this context, at any level (executive, manager, frontline worker, or consultant), requires understanding and applying knowledge about how people and groups act in organizations. People and groups interrelate with each other, with the organization, and within the system in which they work. Each of these presents distinctive challenges and constraints.

This course aims to help participants understand health care organizations and organizational behavior through case studies of exemplary organizational challenges, experimental exercises that require students to lead and manage, and through contemporary and seminal literature addressing major theoretical perspectives on organizations. We will examine both macro issues (that impact organizations as a whole) and micro issues (that impact individuals and teams). To develop their abilities to apply the theoretical and practical concepts, students will work together in teams to address a specific organizational problem. Written assignments are designed to allow students to reflect on and apply lessons drawn from their own experience in organizations.

Registration Note: Priority given to HPM students (MPH-HM, MPH-HP, HPM SM1) and DrPH students.

Class Notes:

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH 45/65 HMGT, DRPH

Wave 2 | All HPM Students including SM1

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM

Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM

Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $150
HSPH: Course Category	Category 2: Required Course

Health Policy & Management 548 Section: 1

Responsible Conduct of Research (190653)

Delia Wolf Christiani

2022 Fall (1.25 Credits) **Schedule:** F 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 90

This course meets the NIH training requirement for all trainees, fellows, participants, and scholars receiving support through any NIH training, career development award, research education grant, or dissertation research grant. It describes basic ethical and regulatory requirements for conducting research. Topics include the following:

1. **conflict of interest – personal, professional, and financial – and conflict of commitment, in allocating time, effort, or other research resources**
2. **policies regarding human subjects, live vertebrate animal subjects in research, and safe laboratory practices**
3. **mentor&#x2F;mentee responsibilities and relationships**
4. **safe research environments (e.g., those that promote inclusion and are free of sexual, racial, ethnic, disability and other forms of discriminatory harassment)**
5. **collaborative research, including collaborations with industry and investigators and institutions in other countries**
6. **peer review, including the responsibility for maintaining confidentiality and security in peer review**
7. **data acquisition and analysis; laboratory tools (e.g., tools for analyzing data and creating or working with digital images); recordkeeping practices, including methods such as electronic laboratory notebooks**
8. **secure and ethical data use; data confidentiality, management, sharing, and ownership**
9. **research misconduct and policies for handling misconduct**
10. **responsible authorship and publication**
11. **the scientist as a responsible member of society, contemporary ethical issues in biomedical research, and the environmental and societal impacts of scientific research**

Course Note: HSPH Graduate students, post-doc fellows, and HSPH junior faculty members will be allowed to take the course without paying tuition, but are expected to attend all lectures, participate in class discussions and complete homework assignments.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective

Health Policy & Management 552 Section: 1

Health Policy and Leadership (190656)

Kim Janey

2022 Fall (1.25 Credits) **Schedule:** T 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 32

Sponsored by the Harvard Chan Senior Leadership Fellows Program, each offering of this course series is taught by the Senior Leadership Fellow in residence for that term. Each course is unique and reflects the individual Fellow's career and leadership experience. Fellows address a wide variety of leadership challenges in areas such as politics and public health, health equity, policy implementation, poverty and access to healthcare, community health, universal health coverage, and beyond. For more on Senior Leadership Fellow courses and the current offerings, visit hsph.me/SLFPcourses

Class Notes: **Section 1 will be taught by former Boston Mayor Kim Janey**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Health Policy & Management 552 Section: 2

Health Policy and Leadership (190656)

Bill de Blasio

2022 Fall (1.25 Credits) **Schedule:** R 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 50

Sponsored by the Harvard Chan Senior Leadership Fellows Program, each offering of this course series is taught by the Senior Leadership Fellow in residence for that term. Each course is unique and reflects the individual Fellow's career and leadership experience. Fellows address a wide variety of leadership challenges in areas such as politics and public health, health equity, policy implementation, poverty and access to healthcare, community health, universal health coverage, and beyond. For more on Senior Leadership Fellow courses and the current offerings, visit hsph.me/SLFPcourses

Class Notes: **Section 2 will be taught by former New York City Mayor Bill DeBlasio**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 557 Section: 1

Innovation and Entrepreneurship in Health Care (190659)

Richard Siegrist
Tariana V. Little

2022 Fall (2.5 Credits)		**Schedule:**	MW 0345 PM - 0515 PM
Instructor Permissions:	None	**Enrollment Cap:**	43

This course is designed to expose students to the theory and practice of innovation and entrepreneurship in health care settings, both domestically and abroad. The first half of the sessions focus on various aspects of starting and growing a new health care business, whether a for-profit or non-profit venture. The second half of the sessions focus on fostering innovation and intrapreneurship in established organizations such as non-profit, for-profit or governmental organizations engaged in health care related activities.

Registration Note: Priority given to first year DrPH students and MPH 45/65 Health Management students

Class Notes:

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years&#x27; materials fees for the current semester&#x27;s courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HM, MPH65 HM, DRPH
Wave 2 | DRPH and all HPM including SM1
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8&#x2F;11&#x2F;2022 11:00AM – 8&#x2F;21&#x2F;2022 11:59PM
Wave 2 | 8&#x2F;22&#x2F;2022 12:00AM – 8&#x2F;25&#x2F;2022 11:59PM
Wave 3 | 8&#x2F;26&#x2F;2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll**

in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $50
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 3: Essential Course

Health Policy & Management 559 Section: 1

Introduction to Qualitative Research Methods for Public Health (212940)

Emma-Louise Aveling

2022 Fall (2.5 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** 24

Understanding how to effectively use qualitative research to inform health practice and policy is an essential skill for public health students and professionals. This online course provides an introduction to qualitative methods for students interested in either using or conducting qualitative research to inform health policy and practice. The course is designed to introduce students to fundamental questions, principles, and skills necessary to design, conduct, interpret and evaluate qualitative research. In doing so, we take a *critical* approach to exploring theoretical and philosophical foundations of high quality, ethical qualitative research, while also building *practical* knowledge and skills for designing qualitative research and using core qualitative methods.

We begin by considering the question "why qualitative research?", examining the value of qualitative methodologies for health research and critically reflecting on the philosophical foundations of qualitative approaches. Throughout the course, we explore the implications of such foundational assumptions for designing, conducting and evaluating qualitative research in ways that recognize how both health and research are enmeshed within broader social relations and structures. Course sessions also focus on developing practical skills for conducting qualitative research including: generating data through interviews, focus groups, and observations, and analyzing qualitative data. Students will have opportunities to design and plan qualitative studies, to conduct and evaluate interviews, to practice analyzing qualitative data, to debate ethical dilemmas, and to reflect on our positionalities and roles as public health researchers working in diverse contexts. As an introductory level course, it necessarily aims to cover a breadth of topics; it does not, therefore, provide in-depth or advanced coverage of any one aspect of qualitative data collection or analysis.

This is an online course which includes weekly video lectures, readings and activities (e.g. contributing to discussion boards) to be completed asynchronously. In addition, there are a small number of optional synchronous online discussion sessions. (Asynchronous, written alternatives are available for those who don't attend.) Assessment is based on participation in weekly activities and two assignments to be

completed over the course of the semester with support and formative feedback from the teaching team.

Registration Note: Students enrolled in the MPH-EPI program have priority enrollment in this course. MPH-GEN students will be automatically added to the waitlist. All other students must request instructor permission.

Class Notes: **A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years&#x27; materials fees for the current semester&#x27;s courses, please visit the Curriculum Center website.**

Students enrolled in the MPH-EPI program have priority enrollment in this course. MPH-GEN students will be automatically added to the waitlist. All other students must request instructor permission.

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **MPH GEN & MPH EPI**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Material Fee Tier	< $25
HSPH: Conditionally Approved	Conditionally Approved Course

Health Policy & Management 562 Section: 1

Narrative Leadership - Using Storytelling to Mobilize Collective Action in Public Health (218799)

Predrag Stojicic

2022 Fall (2.5 Credits) **Schedule:** MW 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 50

In this course, we will introduce the particular practice of leadership called Public Narrative that is rooted in community organizing and social movements. Developed by community organizer and Harvard professor Marshall Ganz, Public Narrative provides a way of thinking through the stories that mobilize people for collective action.

The goal of this course is to strengthen students&#x27; capacity to lead. We recognize that effective leaders cannot just engage the head (evidence and data). We need to learn how to engage the heart (values and emotions) in order to translate the knowledge into the community, political, or economic power necessary for long-term change.

Whether leading one person or thousands, engaging the heart requires learning the practice of storytelling and narrative that enables the leader to locate important themes, communicate those themes, and creatively live them out in professional and public life.

Narrative Leadership course is designed for public health leaders who are interested in harnessing the power of storytelling to motivate others to join them in action.

Class Notes:	**A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $50
HSPH: Course Category	Category 3: Essential Course

Health Policy & Management 564 Section: 1

Health Systems Strengthening (220616)

Rifat Atun

2022 Fall (2.5 Credits)		**Schedule:**	MTWRF 0900 AM - 0400 PM
Instructor Permissions:	Instructor	**Enrollment Cap:**	30

This course is designed to strengthen the role of nurse and midwife leaders in health systems, particularly in public health and primary care to achieve better health outcomes. It will cover approaches for analyzing contextual changes to identify opportunities and threats faced by health systems and for analyzing health systems performance to ascertain their strengths and weaknesses. It will explore how innovations in organization, financing, resource management (human resources, technologies, biomedicine, knowledge resources) and service delivery can be used to strengthen health systems by building on strengths and by addressing weaknesses to enable better response to emerging opportunities and threats. The course will help develop skills for the participants to enable more effective leadership and engagement of nurses and midwives in systematic analysis of health systems and development of context specific policies, strategies, regulations, through coalition building and community engagement. Participants will work with key partners (e.g., mentors; ministers of health, finance, and education; and community health workers) to ensure excellence in developing the right skills and knowledge to strengthen health systems. The course will use a mix of lectures, case studies, group work on real situations from different countries and discussions and will be delivered in nine, three-hour in person sessions. It will include pre- and post-course work to enable application of the frameworks, principles and skills learned in the course in real life settings relevant to the context of the participants.

Requirements:	**Course restricted to students in: Harvard Global Public Health for Nurse Leaders Certificate**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 3: Essential Course

Health Policy & Management 565 Section: 1

Effective Consulting for Health Care and Policy Organizations (220633)

Aaron Holman

2022 Fall (1.25 Credits)		**Schedule:**	F 0800 AM - 0930 AM
Instructor Permissions:	None	**Enrollment Cap:**	40

This course introduces students to the essential elements of structuring and conducting a high-value consulting engagement. It will help students develop an intuition for how to tailor consulting approaches to the specific problem being addressed, the goals of the client, the clients' strengths and weaknesses, and available resources. These topics will be taught through a series of overview lectures, class discussions, and guest visits reviewing real-world consulting case experiences in the private, public and nonprofit sectors. You will apply your learnings from the course and through case simulations to learn how to effectively scope a consulting engagement, work with clients to identify achievable goals, and develop healthy working relationships that generate trust. This course will help improve a student&#x27;s chance of obtaining the consulting job they want and importantly, will assist in developing the core consulting skills needed for their first years on the job. The information and techniques presented in this course may be similar to those offered at larger firms, so those who have prior experience either interning or working in consulting may not find this course as valuable as those looking to newly explore the industry.

Class Notes:

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | All HPM Students

Wave 2 | All HPM Students

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM

Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM

Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a**

space available basis after the enrollment deadline for the course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $50
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter

Health Policy & Management 945A Section: 1

Applied Practice and Integrative Learning Experience for Health Policy (MPH45) (205236)

Amy Rosenthal

Audrey Gasteier

2022 Fall (1.25 Credits) **Schedule:** W 0530 PM - 0700 PM

Instructor Permissions: None **Enrollment Cap:** 48

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

This course focuses on public policy process from a poiltical perspective, identifying key shareholders, political processes, government structure, and the role of conflict resolution in the formation of health policy. Fieldwork provides practical experience in health policy development.

Grade Note: HPM 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in HPM 945 after they have completed both Part A and Part B.
At the end of the Fall term, students will receive an "IP" ("in progress") grade in HPM 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from HPM 945A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from HPM 945.

Requirements: **Course Restricted to MPH45 Health Policy Students**

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	NO
Full Year Course	Indivisible Course
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course

Health Policy & Management 946A Section: 1

Applied Practice and Integrative Learning Experience for Health Management (MPH45) (205239)

William Bean

2022 Fall (1.25 Credits) **Schedule:** T 0530 PM - 0700 PM

Instructor Permissions: None **Enrollment Cap:** 62

This course explores the managerial skills required of public health professionals in any setting -- leadership, interdisciplinary teams, and communication. Fieldwork provides practical experience in health management.

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

Grade Note: HPM 946 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in HPM 946 after they have completed both Part A and Part B.
At the end of the Fall term, students will receive an "IP" ("in progress") grade in HPM 946A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from HPM 946A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from HPM 946.

Class Notes: **A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Requirements: **Course Restricted to MPH45 Health Management Students**

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
Course Evaluation	Course Evaluation Exempt
Full Year Course	Indivisible Course
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
HSPH: Course Material Fee Tier	< $50
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Not Available for Cross Registration

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Health Policy & Management 965F Section: 1

Applied Practice and Integrative Learning Experience for Health Policy (MPH65) (208096)

Nancy Turnbull

2022 Fall (1.25 Credits) **Schedule:** T 0530 PM - 0700 PM

Instructor Permissions: None **Enrollment Cap:** 25

This is the practicum and culminating experience for students in the MPH65 program in health policy. Students take this course in the first spring and the second fall of their program for a total of 2.5 credits (1.25 in the spring and 1.25 in the following fall).

This course allows students to integrate and synthesize the knowledge and skills they are gaining from their coursework, and to apply them to a real world health policy issue or problem.

In the spring section, students will explore practicum opportunities and decide on a placement for the summer. Working with the course instructor and their summer preceptor, they will develop a project plan and learning objectives for the summer. Students will also enhance the skills they need to function in a

professional public health setting, including gaining a better understanding of their work preferences and strengths, learning about the practice of health policy from experienced practitioners, including Harvard Chan alumni, and engaging in professional self-assessment and critical reflection.

In the fall section, students will share their summer practicum experience with peers and learn from the experiences of others at an MPH65 practicum poster session. They will also assess their progress on attaining the MPH65 health policy program competencies, and develop a professional development plan.

Course Note: Open only to students in the MPH65 program in health policy, who are required to register for HPM 965F&#x2F;S. The class meets approximately 8 times in the spring and 6-7 times in the fall. Fieldwork takes place for 8 weeks during the summer, and students will present the results of their summer practicum projects in the fall section of the course.

Requirements: **Course Restricted to MPH-65 HP students**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter

Health Policy & Management 966F Section: 1

Applied Practice and Integrative Learning Experience for Health Management (215718)

Louise Keogh Weed

2022 Fall (1.25 Credits) **Schedule:** T 0530 PM - 0700 PM

Instructor Permissions: None **Enrollment Cap:** 62

Students in the Master of Public Health degree must complete an Applied Practice Experience ("Practicum"). To aid in the completion of this required, students must complete this is a two part course. The first portion occurs in the spring (HPM 966S) and will include students from multiple fields of study. The latter fall portion of the course (HPM 966F) will be limited Health Management students and content relevant to this field of study.

The current spring course is required of students in the MPH-65 degree program and is designed to:
1) assist you in identifying and completing a field-based practicum experience that will be of value to your professional development;
2) provide tools and insights that will be useful in future professional public health practice; and 3) share field experience with your MPH colleagues via a "peer-to-peer" joint learning experience. In preparation for individual field-based projects, students will develop their skills in performing effectively on inter-professional teams, by working with a client organization in the business sector to address a real world health problem.

Requirements: **HSPH: Returning MPH 65-HM**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Conditionally Approved	Conditionally Approved Course
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course

Health Care Management 702.1 Section: 1

Marketing (213399)

Linda Maccracken

2022 Fall (1.25 Credits)		**Schedule:**	F 0345 PM - 0550 PM S 0130 PM - 0300 PM S 0315 PM - 0445 PM F 0200 PM - 0330 PM S 0130 PM - 0300 PM
Instructor Permissions:	None	**Enrollment Cap:**	32

Marketing in the digital landscape calls for a variety of challenges as consumer digital adoption, technology, emerging competitors and data integration changes rapidly. This class prepares students to be effective marketing leaders in landscapes that require focused resource allocation that integrate digital and physical services, and equips them to make strategic decisions in preparing and approving customer centered initiatives. Students will gain a working knowledge of the marketing landscape based on quantifiable addressable market, differentiation, brand strength, customer centricity and targeted engagement through product, place / channel, pricing and promotion in competitive markets. Students will use cases and a team based project learn to critically assess marketing plans and evaluate a range of approaches and methods to measure value driven offerings. Plan on fast-paced case discussions and hands-on group project work.

Course Restriction: HCM Students only

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter

Health Care Management 707.2 Section: 1

Health Care Management Practicum (213389)

Linda Cyr
Henry Bernstein
Don Michaels

2022 Fall (2.25 Credits)		**Schedule:**	S 0900 AM - 1030 AM F 1130 AM - 0100 PM
Instructor Permissions:	None	**Enrollment Cap:**	32

The Practicum provides students with an opportunity to integrate and apply the knowledge and leadership skills gained throughout the MHCM program by completing a comprehensive, independent project of their own choosing during the academic year. Students' self-selected projects might entail transforming an existing situation within their existing organizations or developing a business plan for a completely new,

innovative initiative. Students will propose a project, develop a project plan, and build the business case to win approval and implement the idea.

Course Restricted: HCM students only

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter

Health Care Management 708.2 Section: 1

Social and Behavioral Determinants of Health (213489)

Monica Wang

2022 Fall (1.25 Credits) **Schedule:** S 0130 PM - 0300 PM
S 0130 PM - 0300 PM

Instructor Permissions: None **Enrollment Cap:** 32

The aim of this course is to provide students with a foundation in the core concepts of the social and behavioral determinants of health. This course analyzes major social variables that affect population patterns in health and health behavior, including socioeconomic status, race/ethnicity, neighborhoods, work, and social relationships. Through a combination of online and in-class seminars, students will examine the potential role of various social, policy, and environmental interventions in improving health. Building upon the empirical and theoretical literature covered in the online content and selected readings, students will discuss models for advancing population health management using case-based methodology.

Course Activities: Short written assignments, class discussion (online and in-person), final project.

Course Restriction: HCM Students only

Class Notes: ***Course will additionally meet January 6-9, 2023***

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration

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Health Care Management 709.1 Section: 1

Communication Skills for Managers (213490)

Jack Rossin

2022 Fall (0.62 Credits) **Schedule:** S 0315 PM - 0445 PM
M 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 32

Health care executives are increasingly called upon to communicate with a wide range of internal and external groups. This course will focus on the competencies necessary to deliver presentations successfully in a variety of situations that involve subordinates, superiors, with the board, peers, and external constituencies like the media. Students will learn to analyze challenging communication situations, prepare for contingencies, think on their feet, answer difficult questions and develop poise and confidence under pressure.

Course Restricted: HCM students only

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Health Care Management 711.2 Section: 1

Quality Improvement and Quantitative Methods (213387)

Evan Benjamin

Josko Silobrcic

Catherine Kreatsoulas

2022 Fall (2 Credits) **Schedule:** F 0315 PM - 0445 PM
S 1045 AM - 1215 PM

Instructor Permissions: None **Enrollment Cap:** 32

This course in quality improvement and quantitative tools is designed for the physician executive or manager whose responsibilities include either oversight or direct involvement in quality management and improvement in a health delivery or health financing organization. Using selected readings case studies, lecture presentations and extensive classroom discussions, students will learn both the conceptual and practical aspects of improving health care quality. Students master a variety of data techniques that can be used in QI interventions and process analysis. Projects are assigned which utilize these new skills.

Course Restriction: HCM students only

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course

Health Care Management 719.1 Section: 1

Financial Transactions and Analysis (213492)

Samuel Levitt

2022 Fall (1.25 Credits) **Schedule:** F 1130 AM - 0100 PM

S 0900 AM - 1030 AM
S 1045 AM - 1215 PM
S 0900 AM - 1030 AM
S 1045 AM - 1215 PM
M 0945 AM - 1115 AM
F 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 32

This intensive course introduces concepts of financial accounting to the non-accountant user of financial information. Basic accounting transactions, statement preparation and concepts of accrual versus cash accounting are presented in the first half of the course. The remainder of the course focuses on financial analysis of a variety of health care organizations.

Course Note: Completion of pre-work on basic accounting concepts required before class begins. Working ability with spreadsheets also required. Note that instructor provides introductory lecture on accounting and presentation on use of spreadsheets during the summer term.

Course Restricted: HCM students only

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
Course Evaluation	Course Evaluation Exempt

Health Care Management 720.1 Section: 1

Cost Accounting and Control Systems (213494)

Richard Siegrist

2022 Fall (1.25 Credits) **Schedule:** S 0900 AM - 1030 AM
S 1045 AM - 1215 PM
M 0800 AM - 0930 AM
F 0945 AM - 1115 AM
F 1130 AM - 0100 PM
S 0900 AM - 1030 AM
S 1045 AM - 1215 PM

Instructor Permissions: None **Enrollment Cap:** 32

The course is designed to introduce students to cost accounting and management control concepts and uses for health service organizations. The first part of the course develops a basic knowledge of cost accounting, including full and differential costing techniques. The remainder of the course focuses on management control structure and process, and addresses topics such as responsibility accounting, budgeting, reporting and variance analysis.

Course Restricted: HCM students only

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Health Care Management 731.1 Section: 1

Competitive Strategy Determination (213496)

Mariam Atkinson
Laurie Sprung

2022 Fall (1.25 Credits) **Schedule:**
F 0900 AM - 1030 AM
F 1045 AM - 1215 PM
M 1130 AM - 0100 PM
F 0200 PM - 0330 PM
M 0945 AM - 1115 AM
M 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 32

This course focuses on the conceptual framework needed to plan for the long-term viability of health care organizations. Using selected readings and case studies of both health care and non-health care organizations, students will learn to appreciate the concepts of competitive strategy and competitive advantage primarily through practice in analysis. The objective is to provide students with the conceptual tools and the practical skills to enable them to formulate, execute, and evaluate organizational strategy.

Course Restricted: HCM students only

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration

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Health Care Management 755.1 Section: 1

Provider Payment Systems and Policy (213498)

Jeff Levin-Scherz
Carolyn Langer

2022 Fall (1.25 Credits) **Schedule:**
S 0900 AM - 1030 AM
S 1045 AM - 1215 PM
S 0130 PM - 0300 PM

S 0130 PM - 0300 PM
S 0130 PM - 0300 PM
S 0315 PM - 0445 PM

Instructor Permissions: None **Enrollment Cap:** 32

This course is taught in two parts; the course focuses on the policy, operations and finance of provider payment, as well as the legal and contractual elements of provider payment. The course will evaluate multiple dimensions of health care cost and payment, with an emphasis on how payment systems influence provider organization, behavior and performance. The focus of this course is the US health care system, although class members will do an exercise involving provider payment across multiple countries. Participants will review sources and uses of health care dollars, and examine how these have changed in recent years as well as further changes that are likely as a result of legislative and regulatory initiatives. We will examine various stakeholder points of view on health care finance- and assess how changes in finance methods lead to changes in health care delivery and can lead to different experiences and outcomes for both providers and patients.

The legal and regulatory sessions will cover the key legal issues with which the health care executive needs to be familiar. The goal is to provide some sensitivity to the basic structure of the law, not to train the class as amateur lawyers. If successful, the students will be in a position to ask their legal team reasonable questions, relating to the underlying rationality of the law.

Course Restricted: HCM students only

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
Course Evaluation	Course Evaluation Exempt

Health Care Management 758.2 Section: 1

Field Project Qlty Improvement (213395)

Josko Silobrcic
Catherine Kreatsoulas
Evan Benjamin

2022 Fall (1 Credits) **Schedule:** M 0800 AM - 0930 AM
M 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 32

This course will provide physician executives with pragmatic, applied, real-world insights into quality improvement (QI) in healthcare organizations, based on the application of proven strategic and tactical frameworks, methodologies and tools to their own quality-related field projects, performed during the 2nd academic year of the MHCM program. Throughout their efforts, from project conception, design and planning, to measurement, implementation, analysis and follow-up actions, the students are mentored and guided (individually and in small groups) by expert course faculty. The course follows and closely complements the HCM 711 (Quality Improvement and Quantitative Methods in Quality Management) summer&#x2F;fall course, which provides the conceptual and methodological bases, analytic tools and practices for the field project. At the end of this course, students will be better prepared for and substantially proficient in their own roles in quality improvement and management, leading&#x2F;

supporting their organizations&#x27; efforts in those areas using sound, science-based and systematic, methodical and analytic approaches and processes.

Course Restricted: HCM students only

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course

Health Care Management 777.1 Section: 1

Innovation and Entrepreneurship in Health Care (216358)

Richard Siegrist

2022 Fall (0.6 Credits)

Schedule:
F 0130 PM - 0300 PM
F 0345 PM - 0515 PM
S 0900 AM - 1030 AM

Instructor Permissions: None

Enrollment Cap: 30

This course is designed to expose students to the theory and practice of innovation and entrepreneurship in health care settings, both domestically and abroad. The first half of the sessions focus on various aspects of starting and growing a new health care business, whether a for-profit or non-profit venture. The second half of the sessions focus on fostering innovation and intrapreneurship in established organizations such as non-profit, for-profit or governmental organizations engaged in health care related activities.

Course Restricted: HCM students only

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH: Conditionally Approved	Conditionally Approved Course
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter

Health Care Management 778.1 Section: 1

Skills & Methods of Health Care Negotiation & Conflict Resolution (215810)

Linda Kaboolian

2022 Fall (1.25 Credits)

Schedule:
F 0945 AM - 1115 AM
M 0945 AM - 1115 AM
M 1130 AM - 0100 PM
F 0345 PM - 0515 PM

M 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 30

The objective of this course is to improve negotiation, communication and conflict resolution skills for use in professional and personal settings. This course introduces students to the theory and practice of negotiation and conflict resolution. Particular emphasis is placed on integrating analytic skills, negotiation techniques and conflict resolution methods into the practice of health care management. The class is organized around hands-on simulations where general concepts and methods are demonstrated and practiced. These exercises model fundamental dilemmas in negotiation and are generalizable to disputes typical of health care settings and health care management problems. The debriefings that follow each exercise offer individual feedback, as well as the opportunity to examine applied issues of organizational communication, system design and conflict.
Course Restricted: HCM students only

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt

Health Care Management 782.1 Section: 1

Innovative Problem Solving & Design Thinking for Health (213500)

Linda Cyr

2022 Fall (1.25 Credits) **Schedule:**
S 1045 AM - 1215 PM
S 0130 PM - 0300 PM
M 0945 AM - 1115 AM
F 0945 AM - 1115 AM
S 0900 AM - 1030 AM
S 1045 AM - 1215 PM

Instructor Permissions: None **Enrollment Cap:** 32

The capacity to innovate is critical in today's rapidly changing healthcare environment. Design thinking is a disciplined approach to innovation that has been adopted by leading healthcare organizations (e.g. Mayo Clinic, Kaiser, IBM Watson Health) and government agencies (e.g. CDC, HHS). In contrast to a traditional approach to problem solving that focuses on deciding among known solutions, an innovative approach seeks the best solution possible given available resources, time, and team competencies. Innovative problem solving maximizes learning to reduce uncertainty by focusing on generation of new alternatives, experimentation, and exploration of multiple solutions. This course includes a mix of individual and group exercises in class as well as a series of assignments that enable students to effectively use innovation tools, acquire skills, and adopt mindsets that complement the analytical approaches developed in other courses.

Course restriction: HCM students only

Requirements: **HSPH: HCM Only**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Indpt. Study / Research	NO
Course Evaluation	Course Evaluation Exempt

Subject: Decision Science

Decision Science 280 Section: 1

Decision Analysis for Health and Medical Practices (191102)

Ankur Pandya

2022 Fall (2.5 Credits) **Schedule:** TR 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 164

This course is designed to introduce the student to the methods and growing range of applications of decision analysis and cost-effectiveness analysis in health technology assessment, medical and public health decision making, and health resource allocation. The objectives of the course are: (1) to provide a basic technical understanding of the methods used, (2) to give the student an appreciation of the practical problems in applying these methods to the evaluation of clinical interventions and public health policies, and (3) to give the student an appreciation of the uses and limitations of these methods in decision making at the individual, organizational, and policy level both in developed and developing countries.

Course Note: Introductory economics is recommended but not required.
Pre-requisites: ID 201 or BIO200 or BST201 or BST202&203 or BST206&207 or BST206&208 or BST206&209 (all courses may be taken concurrently). Students who have taken RDS 286 may not take RDS 280. Students who take RDS 280 may not take RDS 202. Pre-requisites can be waived with RDS280 instructor's permission.

Requirements: **Pre-requisites: ID 201 or BIO200 or BST201 or BST202&203 or BST206&207 or BST206&208 or BST206&209 (all courses may be taken concurrently).**

Students who have taken RDS 286 may not take RDS 280.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Decision Science 284 Section: 1

Decision Theory (191105)

James Hammitt

2022 Fall (5 Credits) **Schedule:** MW 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 24

Introduces the standard model of decision-making under uncertainty, its conceptual foundations, challenges, alternatives, and methodological issues arising from the application of these techniques to health issues. Topics include von Neumann-Morgenstern and multi-attribute utility theory, Bayesian statistical decision theory, stochastic dominance, the value of information, judgment under uncertainty and alternative models of probability and decision making (regret theory, prospect theory, generalized expected utility). Applications are to preferences for health and aggregation of preferences over time and across individuals.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Immunology and Infectious Disease

Subject: Immunology Infectious Disease

Immunology Infectious Disease 201 Section: 1

Eradicating Malaria and Neglected Tropical Diseases (190830)

Jeffrey Dvorin
Manoj Duraisingh
Dyann Wirth

2022 Fall (2.5 Credits)		**Schedule:**	TR 0345 PM - 0515 PM
Instructor Permissions:	None	**Enrollment Cap:**	45

This course is a survey to introduce core concepts and tools of disease eradication. We will discuss the current tools (or lack of tools), the evidence for their effective use, and their successes and failures, and we will discuss the policies and programs required to effectively use these tools for infectious disease control and eradication. In Session 1-6, we will focus on malaria as a context for introducing the many aspects of disease eradication. From Session 7-13, each session will focus on control and/or eradication of a new neglected tropical disease. Session 14-16 will then synthesize the course content and introduce new real-world challenges that will shape the implementation of disease control and eradication programs discussed in this course.

The class will meet twice a week, and each session will be divided into a didactic/lecture part and a discussion part. During the discussion, we will actively evaluate the evidence behind current global public health practices, emphasizing "cross-cutting" concepts and tools that are relevant to several of the diseases discussed in this course.

The tangible skills that will be obtained during this course include the ability to recognize, utilize, and critically evaluate strategies for disease eradication and the ability to effectively communicate a plan for systematic control and/or eradication of malaria and neglected tropical diseases.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter

Immunology Infectious Disease 220 Section: 1

Topics in Immunology and Infectious Diseases (213676)

Yonatan Grad
Smita Gopinath

2022 Fall (2.5 Credits) **Schedule:** MW 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 40

The course will include student-led discussions that promote close reading, analysis, and evaluation of papers; attendance at the Department of Immunology and Infectious Diseases seminar series; and assessment of and discussion about oral science communication based on the seminars themselves. Lastly, the course will provide students with the opportunity to engage with leaders in the field. Topics will depend on the invited speakers' fields and the class' interests.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
HSPH: Conditionally Approved	Conditionally Approved Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Master of Public Health

Subject: Master of Public Health

Master of Public Health 101 Section: 1

Qualitative Methods for Public Health: A Brief Introduction (215930)

Emma-Louise Aveling

Jane Roberts

2022 Fall (0.25 Credits)		**Schedule:**	TBD
Instructor Permissions:	None	**Enrollment Cap:**	n/a

This online module will provide a basic introduction to qualitative methods in public health research. It is intended for students with little or no prior knowledge of qualitative research methods, but who have an interest in using or conducting qualitative research to inform health policy and practice. The module will provide an overview of the qualitative research paradigm, including fundamental principles of the paradigm, potential uses of qualitative inquiry in addressing public health issues, the value, and utility of core data generation methods, and basic principles of qualitative data analysis.

Class Notes:	**Eligibility Requirements: Enrollee must be a student within the MPH program.**
Requirements:	**HSPH: Course reserved for MPH students**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Conditionally Approved	Conditionally Approved Course
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration

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Master of Public Health 102 Section: 1

Health Systems (213633)

Meredith Rosenthal

Rifat Atun

2022 Fall (1.25 Credits)		**Schedule:**	M 1130 AM - 0100 PM M 1130 AM - 0100 PM M 1130 AM - 0100 PM
Instructor Permissions:	None	**Enrollment Cap:**	175

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: **Eligibility Requirements: All Residential MPH Students.**

All questions about this course, its content and enrollment procedures, should be directed to Ying-Ju Lai, Educational Programs Project Manager at ylai@hsph.harvard.edu.

This course runs from August 29 to October 21, and the lecture content will be delivered in an online and asynchronous format. There will be additional in-person meetings on the following dates:

Monday, September 12, 11:30am - 1pm
Monday, September 26, 11:30am - 1pm
Monday, October 3, 11:30am - 1pm

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: **Sections 1 and 2 are open to all residential MPH students. Section 3 is open only to MPH-EPI, MPH-GEN, and Summer-Only MPH CLE.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement

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Master of Public Health 102 Section: 2

Health Systems (213633)

Meredith Rosenthal
Rifat Atun

2022 Fall (1.25 Credits)

Schedule: W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 175

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: **Eligibility Requirements: All Residential MPH Students.**

All questions about this course, its content and enrollment procedures, should be directed to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This course runs from August 29 to October 21, and the lecture content will be delivered in an online and asynchronous format. There will be additional in-person meetings on the following dates:

Wednesday, September 14, 11:30am - 1pm
Wednesday, September 28, 11:30am - 1pm
Wednesday, October 5, 11:30am - 1pm

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: **Sections 1 and 2 are open to all residential MPH students. Section 3 is open only to MPH-EPI, MPH-GEN, and Summer-Only MPH CLE.**

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

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Master of Public Health 102 Section: 3

Health Systems (213633)

Meredith Rosenthal
Rifat Atun

2022 Fall (1.25 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: **Eligibility Requirements: This section is available only to students in the following MPH programs; MPH-GEN, MPH-EPI, MPH-CLE Summer only.**

All questions about this course, its content and enrollment procedures, should be directed to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This online course runs from August 29 to October 21. The course will include asynchronous lecture content along with synchronous engagement opportunities.

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information

and a list of past years&#x27; materials fees for the current semester&#x27;s courses, please visit the Curriculum Center website.

Requirements: **Sections 1 and 2 are open to all residential MPH students. Section 3 is open only to MPH-EPI, MPH-GEN, and Summer-Only MPH CLE.**

Additional Course Attributes:

Attribute	**Value(s)**
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration

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Master of Public Health 103 Section: 1

Leadership and Communication (213632)

Ted Witherell

2022 Fall (1.25 Credits)

Schedule: W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 175

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: **Eligibility Requirements: All Residential MPH Students.**

All questions about enrollment procedures should be directed to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

The course runs from October 24 to December 16, and the lecture content will be delivered in an online and asynchronous format. There will be additional in-person meetings on the following dates:

Wednesday, November 2, 11:30am – 1pm
Wednesday, November 16, 11:30am – 1pm
Wednesday, December 7, 11:30am – 1pm,

□A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: **Sections 1 and 2 are open to all residential MPH students. Section 3 is open only to MPH-EPI, MPH-GEN, and Summer-Only MPH CLE.**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Not Available for Cross Registration

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Master of Public Health 103 Section: 2

Leadership and Communication (213632)

Ted Witherell

2022 Fall (1.25 Credits)

Schedule:
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 175

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes:

Eligibility Requirements: All Residential MPH Students.

All questions about enrollment procedures should be directed to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This course runs from October 24 and December 16, and the lecture content will be delivered in an online and asynchronous format. There will be additional in-person meetings on the following dates:

Wednesday, November 9, 11:30am - 1pm
Wednesday, November 30, 11:30am - 1pm
Wednesday, December 14, 11:30am - 1pm

□A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements:

Sections 1 and 2 are open to all residential MPH students. Section 3 is open only to MPH-EPI, MPH-GEN, and Summer-Only MPH CLE.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
HSPH: Course Material Fee Tier	< $75

All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 103 Section: 3

Leadership and Communication (213632)

Ted Witherell

2022 Fall (1.25 Credits) **Schedule:** TBD

Instructor Permissions: None **Enrollment Cap:** n/a

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: **Eligibility Requirements: This section is available only to students in the following MPH programs: MPH-GEN, MPH-EPI, MPH-CLE Summer only.**

All questions about enrollment should be directed to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This online course runs between October 24 and December 16. The course will include asynchronous lecture content along with synchronous engagement opportunities.

☐A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: **Sections 1 and 2 are open to all residential MPH students. Section 3 is open only to MPH-EPI, MPH-GEN, and Summer-Only MPH CLE.**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $75
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 104 Section: 1

Social, Behavioral, and Structural Determinants of Health (213634)

Natalie Slopen

Miranda Mancusi

Monica Wang

2022 Fall (1.25 Credits) **Schedule:** M 1130 AM - 0100 PM
M 1130 AM - 0100 PM
M 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 175

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication&#x2F; advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: **Eligibility Requirements: All Residential MPH Students.**

All questions about this course, its content and enrollment procedures, should be directed to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This course runs from August 29 to October 21, and the lecture content will be delivered in an online and asynchronous format. There will be additional in-person meetings on the following dates:

Monday, August 29, 11:30am - 1pm
Monday, September 19, 11:30am - 1pm
Monday, October 17, 11:30am - 1pm

□A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: **Sections 1 and 2 are open to all residential MPH students. Section 3 is open only to MPH-EPI, MPH-GEN, and Summer-Only MPH CLE.**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

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Master of Public Health 104 Section: 2

Social, Behavioral, and Structural Determinants of Health (213634)

Natalie Slopen
Monica Wang
Miranda Mancusi

2022 Fall (1.25 Credits)

Schedule: W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 175

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication&#x2F; advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes:

Eligibility Requirements: All Residential MPH Students.

All questions about this course, its content and enrollment procedures, should be directed to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This course runs from August 29 to October 21, and the lecture content will be delivered in an online and asynchronous format. There will be additional in-person meetings on the following dates:

Wednesday, August 31, 11:30am - 1pm
Wednesday, September 21, 11:30am - 1pm
Wednesday, October 19, 11:30am - 1pm

□A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: **Sections 1 and 2 are open to all residential MPH students. Section 3 is open only to MPH-EPI, MPH-GEN, and Summer-Only MPH CLE.**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration

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Master of Public Health 104 Section: 3

Social, Behavioral, and Structural Determinants of Health (213634)

Natalie Slopen
Monica Wang
Miranda Mancusi

2022 Fall (1.25 Credits)

Schedule: TBD

Instructor Permissions: None

Enrollment Cap: n/a

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication&#x2F; advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: **Eligibility Requirements: This section is available only to students in the following MPH programs; MPH-GEN, MPH-EPI, MPH-CLE Summer only.**

All questions about enrollment should be directed to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This online course runs from August 29 to October 21. The course will include asynchronous lecture content along with synchronous engagement opportunities.

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: **Sections 1 and 2 are open to all residential MPH students. Section 3 is open only to MPH-EPI, MPH-GEN, and Summer-Only MPH CLE.**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

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Master of Public Health 105 Section: 1

Public Health Policy and Politics (213635)

John McDonough

2022 Fall (1.25 Credits)		**Schedule:**	M 1130 AM - 0100 PM
Instructor Permissions:	None	**Enrollment Cap:**	300

The effective practice of public health in the 21st century demands familiarity with the dynamics of policy development. This includes policy development, enactment, implementation, evaluation, and revision, plus understanding political dynamics to achieve policy change and improvement. While this pursuit is lifelong, learning key foundational elements can quicken and broaden effective inquiry and engagement. This course will introduce MPH students to core and essential elements of policy and politics in the public health context, laying a foundation on which students can expand their familiarity and sophistication throughout their professional careers. Most of the sessions will include the use of a case study to illuminate and explore policy concepts and to familiarize students with public health policy areas.

Cases will be incorporate a global and&#x2F;or domestic focus. Two core policy&#x2F;political models will

be consistent reference points in analyzing cases: first, John Kingdon's agenda-setting model (also known as the multiple streams model) and second, Mark Moore's strategic triangle (aka: public value) framework. To understand cases and core models, students will learn multiple dimensions of the policy process, including the roles of ethics, evidence, and equity. Students will engage in population-based policy design; evaluate policies to assess their impact on population health and health equity, and practice communication skills relating to public health content.

This course will be taught synchronously through zoom during Fall 2 on Mondays 11:30 am to 1:00 pm.

Class Notes: **This course's content will taught in an online synchronous format. No in-person classes will be held. All required synchronous sessions will be recorded and posted to the course site. Optional in-person and remote synchronous live office hours will be held with the faculty member when possible. All enrollees must be enrolled in the MPH program.**

□A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Additional Course Attributes:

Attribute	**Value(s)**
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

Nutrition

Subject: Nutrition

Nutrition 200 Section: 1

Introduction to Nutrition Science (216276)

Shilpa Bhupathiraju
Kassandra Munger

2022 Fall (2.5 Credits)		**Schedule:**	MW 0945 AM - 1115 AM
Instructor Permissions:	None	**Enrollment Cap:**	24

What are nutrients? How does the human body absorb and utilize nutrients? How is nutrition relevant to certain chronic diseases? What nutrients are linked to malnutrition in the U.S. and globally? This foundational nutrition science course answers these and other nutrition related questions. Topics covered in the course include digestion and absorption of nutrients, macronutrients (carbohydrates, protein, and fats), micronutrients (water-soluble and fat-soluble vitamins, minerals), macronutrient metabolism, water and electrolytes, chronic disease and nutrition, lifecycle nutrition. This is a required course for the MPH 65 Nutrition students and recommended for nutrition doctoral students without prior courses in nutrition. The course is open to students from other departments and programs with an interest in nutrition.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH 65 NUT, PhD PHS NUT
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course

HSPH: Course Category	Category 2: Required Course

Nutrition 201 Section: 1

Introduction to Nutrition in Public Health (190911)

Josiemer Mattei
Shilpa Bhupathiraju

2022 Fall (2.5 Credits) **Schedule:** MW 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 24

This course will provide an overview of current topics in nutrition within the context of public health. We will explore concepts in dietary assessment and epidemiology, the role of nutrition on common physical and mental health conditions, global nutrition, public health and community nutrition, agriculture and food policy, nutrition communication, diet in special populations, and other topics. The course will consist of lectures and in-class discussion of case studies or articles guided by experts in the topics, with active contribution from students.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | NUT PHS & MPH65

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **To be eligible to enroll, students must have previously received a grade in NUT 200, or they must be enrolled in NUT 200 in the same term.**

Additional Course Attributes:

Attribute	**Value(s)**
HSPH: Course Category	Category 2: Required Course

eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO

Nutrition 203 Section: 1

Nutrition Seminars, Part I (190913)

Walter Willett

2022 Fall (1.25 Credits) **Schedule:** M 0101 PM - 0159 PM

Instructor Permissions: None **Enrollment Cap:** 50

The Human Nutrition Seminars are held every Monday and focus in methodologic and applied areas of Nutrition. They consist of presentations by faculty or invited speakers. Generally taken by first year students. Attendance will be taken.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Nutrition 218 Section: 1

"Exercise as Medicine" for the Prevention and Management of Chronic Diseases (220201)

Christina Dieli-Conwright

2022 Fall (2.5 Credits) **Schedule:** MW 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 24

Exercise is a potent non-pharmacologic lifestyle modality that positively alters chronic disease risk and management of chronic disease throughout the lifespan, and as such the phrase "Exercise as Medicine" is commonly used to underscore the importance of this modality in everyday life. Epidemiologic research supports the use of physical activity in support of exercise as medicine to address disease risk and management which has been further reinforced with efficacy data from clinical exercise trials. The breadth of this work lends to challenges in developing and implementing rigorously prescribed exercise across individuals and populations. This course will help students develop a framework for assessing and designing exercise strategies to reduce the burden of disease. Exercise approaches to disease prevention and management will focus on exercise prescription parameters, delivery settings, health outcomes, and health disparities. The lectures and readings will examine different issues around effectiveness, feasibility, and sustainability, including individual health status, barriers to exercise participation, and exercise treatment modalities. We will emphasize the timing of disease prevention and management in the context of the efficacy of exercise, at times coupled with dietary modifications, and identify knowledge gaps that warrant high risk, high reward, timely investigations culminating in a final project. Students will have homework assignments to collect and apply new knowledge within exercise medicine, which will be used to develop an exercise efficacy intervention targeting a biologic endpoint as a final project.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Conditionally Approved	Conditionally Approved Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective

Nutrition 232 Section: 1

Designing and Evaluating Behavioral Interventions Targeting Diet and Physical Activity (190929)

Erica Kenney
Juliana Cohen

2022 Fall (5 Credits)		**Schedule:**	TR 0945 AM - 1115 AM
Instructor Permissions:	None	**Enrollment Cap:**	30

This course outlines methods used to design, evaluate, and disseminate diet and physical activity behavioral interventions in real world settings. This course will review the lifecycle of program planning and evaluation, community needs assessments, the role of program theory, process evaluations, valid and practical measures of diet and physical activity, experimental and pragmatic approaches to impact evaluation, and strategies to disseminate evidence-based programs. Across these topics, the need to balance scientific rigor and the pragmatics of real world settings will be carefully considered to ensure that students have a thorough understanding of the fundamentals of program planning and evaluation and can apply these skills in a flexible and adaptive manner in a range of social, political, and economic contexts.

A combination of lecture and discussion format will be used during classes. Several guest speakers will present to the class to provide a range of perspectives on strategies to design and evaluate effective diet and physical activity interventions in a variety of settings.

Prerequisites: Graduate standing.

Prior graduate coursework recommended in one or more of the following areas: nutrition, exercise science, social and behavioral sciences, or community health.

Class Notes:

□A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH 65 NUT, PhD PHS NUT
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Pre-Requisite/Co-Requisite: NUT 200**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Nutrition 300 Section: 1

Independent Study (190930)

Juliana Cohen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 13

Independent Study (190930)

Edward Giovannucci

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 14

Independent Study (190930)

Edward Giovannucci

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 15

Independent Study (190930)

Edward Giovannucci

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 16

Independent Study (190930)

Gokhan Hotamisligil

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 17

Independent Study (190930)

Gokhan Hotamisligil

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 18

Independent Study (190930)

Gokhan Hotamisligil

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 19

Independent Study (190930)

Frank Hu

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 2

Independent Study (190930)

Juliana Cohen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt

ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 20

Independent Study (190930)

Frank Hu

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 21

Independent Study (190930)

Frank Hu

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 22

Independent Study (190930)

Jerold Mande

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 23

Independent Study (190930)

Jerold Mande

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Nutrition 300 Section: 24

Independent Study (190930)

Jerold Mande

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 28

Independent Study (190930)

Eric Rimm

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 29

Independent Study (190930)

Eric Rimm

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 3

Independent Study (190930)

Juliana Cohen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Nutrition 300 Section: 30

Independent Study (190930)

Eric Rimm

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 31

Independent Study (190930)

Frank M. Sacks

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 32

Independent Study (190930)

Frank M. Sacks

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 33

Independent Study (190930)

Frank M. Sacks

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Nutrition 300 Section: 34

Independent Study (190930)

Stephanie Smith-Warner

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 35

Independent Study (190930)

Stephanie Smith-Warner

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 36

Independent Study (190930)

Stephanie Smith-Warner

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 37

Independent Study (190930)

Meir Stampfer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 38

Independent Study (190930)

Meir Stampfer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 39

Independent Study (190930)

Meir Stampfer

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 4

Independent Study (190930)

Jorge Chavarro

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 40

Independent Study (190930)

Christina Dieli-Conwright

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 41

Independent Study (190930)

Christina Dieli-Conwright

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Nutrition 300 Section: 42

Independent Study (190930)

Christina Dieli-Conwright

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 43

Independent Study (190930)

Walter Willett

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 44

Independent Study (190930)

Walter Willett

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 45

Independent Study (190930)

Walter Willett

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 5

Independent Study (190930)

Jorge Chavarro

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 55

Independent Study (190930)

Elsie Taveras

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 56

Independent Study (190930)

Elsie Taveras

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Nutrition 300 Section: 57

Independent Study (190930)

Elsie Taveras

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 58

Independent Study (190930)

Alberto Ascherio

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 59

Independent Study (190930)

Alberto Ascherio

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Nutrition 300 Section: 6

Independent Study (190930)

Jorge Chavarro

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Nutrition 300 Section: 60

Independent Study (190930)

Alberto Ascherio

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 61

Independent Study (190930)

Xuehong Zhang

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 62

Independent Study (190930)

Xuehong Zhang

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 63

Independent Study (190930)

Xuehong Zhang

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 64

Independent Study (190930)

Sheila Isanaka

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 65

Independent Study (190930)

Sheila Isanaka

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 66

Independent Study (190930)

Sheila Isanaka

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 67

Independent Study (190930)

Josiemer Mattei

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 68

Independent Study (190930)

Josiemer Mattei

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Nutrition 300 Section: 69

Independent Study (190930)

Josiemer Mattei

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 7

Independent Study (190930)

Christopher Duggan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 70

Independent Study (190930)

Qi Sun

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 71

Independent Study (190930)

Qi Sun

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 72

Independent Study (190930)

Qi Sun

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 8

Independent Study (190930)

Christopher Duggan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Nutrition 300 Section: 80

Independent Study (190930)

Christopher Golden

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Nutrition 300 Section: 81

Independent Study (190930)

Christopher Golden

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 82

Independent Study (190930)

Christopher Golden

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 83

Independent Study (190930)

Erica Kenney

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

HSPH: Course Category	Category 4: Elective

Nutrition 300 Section: 84

Independent Study (190930)

Erica Kenney

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 85

Independent Study (190930)

Erica Kenney

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 300 Section: 86

Independent Study (190930)

Kirsten Davison

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 87

Independent Study (190930)

Kirsten Davison

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Nutrition 300 Section: 88

Independent Study (190930)

Kirsten Davison

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt

Nutrition 300 Section: 9

Independent Study (190930)

Christopher Duggan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 311 Section: 1

Teaching Assistant (218820)

Shilpa Bhupathiraju

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 311 Section: 2

Teaching Assistant (218820)

Shilpa Bhupathiraju

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 311 Section: 3

Teaching Assistant (218820)

Shilpa Bhupathiraju

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 350 Section: 10

Research (190935)

Edward Giovannucci

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 11

Research (190935)

Edward Giovannucci

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 12

Research (190935)

Edward Giovannucci

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 13

Research (190935)

Frank Hu

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 14

Research (190935)

Frank Hu

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 15

Research (190935)

Frank Hu

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 16

Research (190935)

Eric Rimm

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 17

Research (190935)

Eric Rimm

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 18

Research (190935)

Eric Rimm

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 19

Research (190935)

Frank M. Sacks

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 350 Section: 2

Research (190935)

Alberto Ascherio

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 20

Research (190935)

Frank M. Sacks

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 21

Research (190935)

Frank M. Sacks

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 22

Research (190935)

Stephanie Smith-Warner

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 23

Research (190935)

Stephanie Smith-Warner

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 24

Research (190935)

Stephanie Smith-Warner

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 350 Section: 25

Research (190935)

Meir Stampfer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 26

Research (190935)

Meir Stampfer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 27

Research (190935)

Meir Stampfer

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 28

Research (190935)

Walter Willett

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 29

Research (190935)

Walter Willett

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 3

Research (190935)

Alberto Ascherio

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 30

Research (190935)

Walter Willett

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 34

Research (190935)

Jorge Chavarro

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 35

Research (190935)

Jorge Chavarro

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 36

Research (190935)

Jorge Chavarro

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 4

Research (190935)

Christopher Duggan

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 40

Research (190935)

Josiemer Mattei

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 41

Research (190935)

Josiemer Mattei

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 42

Research (190935)

Josiemer Mattei

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 45

Research (190935)

Christopher Golden

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Nutrition 350 Section: 46

Research (190935)

Christopher Golden

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 47

Research (190935)

Christopher Golden

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

HSPH: Course Category	Category 2: Required Course

Nutrition 350 Section: 48

Research (190935)

Erica Kenney

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 350 Section: 49

Research (190935)

Erica Kenney

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 5

Research (190935)

Christopher Duggan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 50

Research (190935)

Erica Kenney

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Nutrition 350 Section: 51

Research (190935)

Kirsten Davison

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course

Nutrition 350 Section: 52

Research (190935)

Kirsten Davison

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 53

Research (190935)

Kirsten Davison

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 54

Research (190935)

Qi Sun

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 55

Research (190935)

Qi Sun

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 56

Research (190935)

Qi Sun

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 6

Research (190935)

Christopher Duggan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 400 Section: 2

Non-Resident Research (190939)

Frank Hu

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department. Research topics that may be taken under the direction of the faculty are listed below.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Nutrition 400 Section: 4

Non-Resident Research (190939)

Walter Willett

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department. Research topics that may be taken under the direction of the faculty are listed below.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Nutrition 400 Section: 5

Non-Resident Research (190939)

Frank M. Sacks

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department. Research topics that may be taken under the direction of the faculty are listed below.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 965F Section: 1

Applied Practice Experience for Nutrition - Part II (216304)

Teresa Fung

2022 Fall (1.25 Credits) **Schedule:** R 0800 AM - 0930 AM

Instructor Permissions: None **Enrollment Cap:** 20

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum"). This required course is designed to provide some tools and insights that will be useful in future professional practice in nutrition and share that experience with their MPH Nutrition colleagues via a "peer-to-peer" joint learning experience.

Requirements: **HSPH: PW MPH 65 NUT**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 2: Required Course

Subject: Interdepartmental

Interdepartmental 539 Section: 1

Built Environment, Human Transportation, Public Health, and Climate Change (190823)

Anne Lusk

2022 Fall (2.5 Credits)		**Schedule:**	R 0200 PM - 0330 PM
Instructor Permissions:	None	**Enrollment Cap:**	20

At the completion of this course, students will have an understanding of different built environments, human energy expenditure in those environments, if the travel lowers mobile source air pollution, and if the design components of the human transportation corridor lessen climate change. For examples, parks provide mental and social benefits, but many park users have low human energy expenditure (sports spectators, slow walkers, park bench sitters, etc.). In contrast to parks, bicyclists in bicycle environments have higher energy expenditure. Drivers often store their cars on the side of the road and the space could instead be for electric Bus Rapid Transit (BRT), cycle tracks, sidewalks, grass, and trees. Bicyclists and pedestrians do not produce pollution while traveling and would be less vulnerable to absorbing ultra-fine particles deep into their lungs, benefit from the physical activity, and feel cool if there is shade. With correct lighting, the bicyclists and pedestrians could travel safely at night while maintaining "dark sky." Office workers would be healthier if could socialize while locking their bike inside and walk distances in the office. This course will not be about general recommendations but, for example, offer planting systems that assure tree and grass longevity, lighting that is environmental and scaled for humans, and office environments that increase well-being.

During this course, students will assess whether measures such as Health Impact Assessments (HIA) and policies such as Complete Streets fully provide for high human energy expenditure, climate change, ethnic-diversity, and women/children/seniors. Through the students' understanding of the built environment and human energy expenditure measures such as METs, students will explore translating information on obesity, physical activity, and health into practice effectively. The course is for undergraduate students, graduate students, and individuals interested in the design of the built environment. Those enrolled may be interested in environmental health, landscape architecture, park design, architecture, car parking, road design, exercise physiology, public health, urban planning, government, engineering, METs, human energy expenditure measures, and walking and bicycling in all populations. The focus will be on creating urban forms with high human energy expenditure to lessen obesity, diabetes, stroke, Alzheimer's disease, and cancer in all populations and to respond to climate change. This course seeks to address health through the built environment in more ways than only recommending that individuals engage in 30 minutes of physical activity most days of the week.

Requirements:	**Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Social and Behavioral Sciences

Subject: Social & Behavioral Sciences

Social & Behavioral Sciences 201 Section: 1

Society and Health (191116)

Ichiro Kawachi

2022 Fall (2.5 Credits)		**Schedule:**	MW 0345 PM - 0515 PM
Instructor Permissions:	None	**Enrollment Cap:**	81

Analyzes major social variables that affect population health: poverty, social class, gender, race, family, community, work, behavioral risks, and coping resources. Examines health consequences of social and economic policies, and the potential role of specific social interventions. Reviews empirical and theoretical literature on mechanisms and processes that mediate between social factors and their health effects, and discusses alternative models for advancing public health.

Course Activities: Short written assignments, class discussion, final examination.

Course Note: Departmental requirement in the Department of Social and Behavioral Sciences.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS

Wave 2 | PHD PHS NUT & Wave 1

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
HSPH: Indpt. Study / Research	NO

Social & Behavioral Sciences 201LAB Section: 1

Society and Health (213464)

Ichiro Kawachi

2022 Fall (0 Credits) **Schedule:** R 0530 PM - 0700 PM

Instructor Permissions: None **Enrollment Cap:** 21

Analyzes major social variables that affect population health: poverty, social class, gender, race, family, community, work, behavioral risks, and coping resources. Examines health consequences of social and economic policies, and the potential role of specific social interventions. Reviews empirical and theoretical literature on mechanisms and processes that mediate between social factors and their health effects, and discusses alternative models for advancing public health.

Course Activities: Short written assignments, class discussion, final examination.

Course Note: Departmental requirement in the Department of Social and Behavioral Sciences.

Class Notes: ***PHS and DrPH students are required to take Lab 5***

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS

Wave 2 | PHD PHS NUT & Wave 1

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending

no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students are required to enroll in both SBS 201 and SBS 201LAB.**

To enroll in SBS 201LAB, students must first enroll in SBS 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 201LAB Section: 2

Society and Health (213464)

Ichiro Kawachi

2022 Fall (0 Credits) **Schedule:** F 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 21

Analyzes major social variables that affect population health: poverty, social class, gender, race, family, community, work, behavioral risks, and coping resources. Examines health consequences of social and economic policies, and the potential role of specific social interventions. Reviews empirical and theoretical literature on mechanisms and processes that mediate between social factors and their health effects, and discusses alternative models for advancing public health.

Course Activities: Short written assignments, class discussion, final examination.

Course Note: Departmental requirement in the Department of Social and Behavioral Sciences.

Class Notes: ***PHS and DrPH students are required to take Lab 5***

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS

Wave 2 | PHD PHS NUT & Wave 1

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students are required to enroll in both SBS 201 and SBS 201LAB.**

To enroll in SBS 201LAB, students must first enroll in SBS 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 201LAB Section: 3

Society and Health (213464)

Ichiro Kawachi

2022 Fall (0 Credits)		**Schedule:**	R 0200 PM - 0330 PM
Instructor Permissions:	None	**Enrollment Cap:**	17

Analyzes major social variables that affect population health: poverty, social class, gender, race, family, community, work, behavioral risks, and coping resources. Examines health consequences of social and economic policies, and the potential role of specific social interventions. Reviews empirical and theoretical literature on mechanisms and processes that mediate between social factors and their health effects, and discusses alternative models for advancing public health.

Course Activities: Short written assignments, class discussion, final examination.

Course Note: Departmental requirement in the Department of Social and Behavioral Sciences.

Class Notes: ***PHS and DrPH students are required to take Lab 5***

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS

Wave 2 | PHD PHS NUT & Wave 1

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM

Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM

Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students are required to enroll in both SBS 201 and SBS 201LAB.**

To enroll in SBS 201LAB, students must first enroll in SBS 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 201LAB Section: 4

Society and Health (213464)

Ichiro Kawachi

2022 Fall (0 Credits) **Schedule:** R 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 20

Analyzes major social variables that affect population health: poverty, social class, gender, race, family, community, work, behavioral risks, and coping resources. Examines health consequences of social and economic policies, and the potential role of specific social interventions. Reviews empirical and theoretical literature on mechanisms and processes that mediate between social factors and their health effects, and discusses alternative models for advancing public health.

Course Activities: Short written assignments, class discussion, final examination.

Course Note: Departmental requirement in the Department of Social and Behavioral Sciences.

Class Notes: ***PHS and DrPH students are required to take Lab 5***

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS

Wave 2 | PHD PHS NUT & Wave 1

Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM

Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM

Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students are required to enroll in both SBS 201 and SBS 201LAB.**

To enroll in SBS 201LAB, students must first enroll in SBS 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 201LAB Section: 5

Society and Health (213464)

Ichiro Kawachi

2022 Fall (0 Credits) **Schedule:** R 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 10

Analyzes major social variables that affect population health: poverty, social class, gender, race, family, community, work, behavioral risks, and coping resources. Examines health consequences of social and economic policies, and the potential role of specific social interventions. Reviews empirical and theoretical literature on mechanisms and processes that mediate between social factors and their health effects, and discusses alternative models for advancing public health.

Course Activities: Short written assignments, class discussion, final examination.

Course Note: Departmental requirement in the Department of Social and Behavioral Sciences.

Class Notes:	**SBS 201 LAB 5 is limited to PHS and DrPH students**
Requirements:	**Students are required to enroll in both SBS 201 and SBS 201LAB.** **To enroll in SBS 201LAB, students must first enroll in SBS 201.**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 207 Section: 1

Race, Ethnicity and Health: Perspectives from the Social and Behavioral Sciences (191118)

David Williams

2022 Fall (2.5 Credits)		**Schedule:**	T 0345 PM - 0645 PM
Instructor Permissions:	None	**Enrollment Cap:**	65

Health outcomes in the U.S. vary dramatically as a function of race and ethnicity. The purpose of this course is to address the possible pathways by which such disparities in health status arise at different stages in the life cycle. The course will highlight research that explores this issue from social, behavioral and psychological perspectives, as well as ideas about the meaning of race and ethnicity in American society. Students will be asked to develop their own research ideas that might help illuminate the nature of specific health disparities.

Course Activities: Lectures, class presentations, discussion.

Requirements:	**Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 208 Section: 1

Adolescent Health (191119)

Pamela Murray
David Bickham

2022 Fall (2.5 Credits)		**Schedule:**	TR 0945 AM - 1115 AM
Instructor Permissions:	None	**Enrollment Cap:**	30

This course aims to provide an overview of major topics related to adolescent health for future public health

practitioners, including health care providers, mental health workers, educators, and others. It is meant to be a broad introduction to adolescent health through covering topics that are relevant to the lives of adolescents, including: sexual and reproductive health, media influences, mental health, policy and advocacy, LGBTQ adolescents, school health, nutrition, juvenile justice, disability, substance use, and racism in healthcare. The focus of the course is domestic, since adolescence is constructed differently across cultural contexts; however, we will explore global implications as much as class experience and knowledge permits. We welcome students to bring their diverse personal and professional experiences to enrich class discussions.

Course Activities: Class discussions, guest speakers, writing assignments, group project.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 212 Section: 1

Developmental Disabilities I: Evaluation, Assessment and Systems (191120)

Jason Fogler

2022 Fall (2.5 Credits) **Schedule:** F 0800 AM - 1000 AM

Instructor Permissions: None **Enrollment Cap:** 30

The course focuses on issues confronting professionals who work with people with developmental disabilities, their families, and the system. Materials are organized with a developmental format in mind. Emphasis for first half of semester will be on understanding the professionals&#x27; role in diagnosing, evaluating, and assessing children who have developmental disabilities or who are at high risk of acquiring them. Specific discussions of families and services will highlight the second half of the semester. The course uses outside guest speakers who are experts and work in the field.

Course note: The course is held at LM 6656 East (Landmark Building, 401 Park Street, Fenway T-stop, East Wing, 6th floor)

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 231 Section: 1

Community Intervention Research Methods (191126)

Eve Nagler

2022 Fall (2.5 Credits) **Schedule:** TR 0945 AM - 1115 AM

Instructor Permissions: None **Enrollment Cap:** 32

SBS231 is an introductory research methods course focused on evaluating community interventions in a variety of settings (e.g., neighborhoods, worksites, schools, community centers or churches). Students will develop skills to design a research proposal, incorporating qualitative and quantitative methods, community perspectives, study design, process evaluation, and using theory to guide intervention development and testing. This course is highly interactive, applying concepts from the readings, guest lectures and students' own experiences, culminating in a research proposal to evaluate a community intervention.

Course Activities: Assigned readings, guest lectures, class participation, working on a team to develop a research proposal.

Class Notes: **□A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH: Course Material Fee Tier	< $25

Social & Behavioral Sciences 245 Section: 1

Social and Behavioral Research Methods (191127)

Jarvis Chen

2022 Fall (5 Credits) **Schedule:** F 0200 PM - 0500 PM

Instructor Permissions: Instructor **Enrollment Cap:** 20

Provides a broad overview of social and behavioral research methodology, including experimental, quasi-experimental, and non-experimental research designs, measurement, sampling, data collection, and causal inference. Through methodological readings, discussion, and group and individual projects, students learn to conduct social and behavioral research. Projects include psychometric development of new measures and analysis of longitudinal data with special emphasis on appropriate methods for rigorous causal inference.

Course Activities: Assigned readings, class participation, homeworks, group and individual projects.

Course Note: a multivariate statistics course strongly recommended; course primarily for doctoral students.

Course Prerequisites: PHS2000A and PHS2000B (PHS PhD students) OR BST210 or BST211 or BST213 (DrPH or SM students)

Requirements: **Prerequisite:PHS2000A and PHS2000B (PHS PhD students) OR BST210 or BST211 or BST213 (DrPH or SM students)**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course

Social & Behavioral Sciences 246 Section: 1

Maternal and Child Health: Programs and Policies (191128)

Henning Tiemeier

2022 Fall (2.5 Credits)		**Schedule:**	MW 0345 PM - 0515 PM
Instructor Permissions:	None	**Enrollment Cap:**	50

Components of health care programs for mothers and children are discussed in the context of the epidemiology of important health problems, the historical and legislative background, and social policies. The course takes a life-course approach and health programs appropriate to prenatal, early and late childhood, adolescence, and youth are presented in terms of the multidisciplinary and interdisciplinary action required to improve the health status of populations. The social, political, and environmental factors that shape current and future maternal and child health problems and policies are discussed. Topics include infant mortality and low birthweight, maternal and child mental health, maternal morbidity and mortality, services for children with special health care needs, and financing of health care for mothers and children.

Course Activities: Class discussion, written exercises.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 281 Section: 1

Principles of Social and Behavioral Research (191137)

Christy Denckla

2022 Fall (2.5 Credits)		**Schedule:**	TR 0945 AM - 1115 AM
Instructor Permissions:	None	**Enrollment Cap:**	59

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS

students in the MPH and other professional master's degree program.

Class Notes: **A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1

Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1

Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 1/5/2023 11:00AM – 1/16/2023 11:59PM

Wave 2 | 1/17/2023 12:00AM – 1/19/2023 11:59PM

Wave 3 | 1/20/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25
HSPH: Course Category	Category 2: Required Course

Social & Behavioral Sciences 281LAB Section: 1

Principles of Social and Behavioral Research (213465)

Christy Denckla

2022 Fall (0 Credits) **Schedule:** R 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 15

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups

Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1

Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1

Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 1/5/2023 11:00AM – 1/16/2023 11:59PM

Wave 2 | 1/17/2023 12:00AM – 1/19/2023 11:59PM

Wave 3 | 1/20/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students are required to enroll in both SBS 281 and SBS 281LAB.**

To enroll in SBS 281LAB, students must first enroll in SBS 281.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Social & Behavioral Sciences 281LAB Section: 2

Principles of Social and Behavioral Research (213465)

Christy Denckla

2022 Fall (0 Credits)		**Schedule:**	R 0345 PM - 0515 PM
Instructor Permissions:	None	**Enrollment Cap:**	15

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1

Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 1/5/2023 11:00AM – 1/16/2023 11:59PM

Wave 2 | 1/17/2023 12:00AM – 1/19/2023 11:59PM

Wave 3 | 1/20/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements:

Students are required to enroll in both SBS 281 and SBS 281LAB.

To enroll in SBS 281LAB, students must first enroll in SBS 281.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 281LAB Section: 3

Principles of Social and Behavioral Research (213465)

Christy Denckla

2022 Fall (0 Credits)		**Schedule:**	R 0530 PM - 0700 PM
Instructor Permissions:	None	**Enrollment Cap:**	15

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes: **THIS CLASS HAS PRIORITY ENROLLMENT**

Priority Wave Groups

Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1

Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 1/5/2023 11:00AM – 1/16/2023 11:59PM

Wave 2 | 1/17/2023 12:00AM – 1/19/2023 11:59PM

Wave 3 | 1/20/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students are required to enroll in both SBS 281 and SBS 281LAB.**

To enroll in SBS 281LAB, students must first enroll in SBS 281.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 281LAB Section: 4

Principles of Social and Behavioral Research (213465)

Christy Denckla

2022 Fall (0 Credits) **Schedule:** R 0345 PM - 0515 PM

Instructor Permissions: None **Enrollment Cap:** 15

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1

Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1

Wave 3 | Open Enrollment

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Priority Wave Timing

Wave 1 | 1/5/2023 11:00AM – 1/16/2023 11:59PM

Wave 2 | 1/17/2023 12:00AM – 1/19/2023 11:59PM

Wave 3 | 1/20/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements: **Students are required to enroll in both SBS 281 and SBS 281LAB.**

To enroll in SBS 281LAB, students must first enroll in SBS 281.

Additional Course Attributes:

Attribute	**Value(s)**
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course

Social & Behavioral Sciences 288 Section: 1

Qualitative Research Methods in Public Health (191138)

Roberta Goldman

2022 Fall (2.5 Credits) **Schedule:** F 0945 AM - 1245 PM

Instructor Permissions: Instructor **Enrollment Cap:** 21

What students can expect from this course: Qualitative research can be used alone or in combination with quantitative research to investigate public health questions. This introductory course will provide students with an overview of the range of important conceptual and practical issues associated with qualitative research, including providing general familiarity with the design of qualitative studies and conduct of commonly-used qualitative methods. The course begins by examining the variety of potential uses of qualitative methods in public health research and diverse qualitative research approaches. The course then explores specific topics, including: developing research questions; ethics in qualitative research; "entering" the community to conduct qualitative research; role of theory; ensuring study rigor; selecting and implementing qualitative data collection methods (participant observation, different types of semi-structured interviews and focus groups); writing open-ended questions; sampling; data management and analysis; publishing results; writing research proposals; and considerations for choosing qualitative methods for mixed-methods qualitative or mixed-methods qualitative&#x2F;quantitative studies.
Students should come to class prepared to apply concepts from readings and lectures through participation in class discussions and small group activities that will occur during every class period. In addition, students will demonstrate application of concepts through completion of written assignments.
What this course is not: As this is an introductory course on qualitative research that provides an overview of all pertinent topics to foster familiarity with this research approach as a whole, the course cannot dwell deeply on any one topic. Students who are looking for in-depth training on a particular step in qualitative research, such as how to analyze their own qualitative dataset, or how to use qualitative coding software, are advised to select a different course.
Registration by instructor permission only: By August 26, 2022, interested students must request instructor permission in my.harvard and write a brief explanation about why they want to take this course. Selected students will be approved by September 2, 2022.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	**Value(s)**
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

HSPH: Course Category	Category 3: Essential Course
HSPH: Indpt. Study / Research	NO

Social & Behavioral Sciences 296 Section: 1

Leadership in Minority Health Policy (191139)

Alden Landry

Joan Reede

2022 Fall (2.5 Credits)		**Schedule:**	T 0200 PM - 0330 PM
Instructor Permissions:	Instructor	**Enrollment Cap:**	16

Students will engage with faculty members at Harvard as well as key minority health policy leaders from both the public and private sectors to develop leadership skills required for effective performance in the areas of public health practice and public policy. A major focus will be strategies for career development in the area of minority health policy. Speakers will include physicians, dentists, community organizers, social workers, and others working in health policy.
Course Activities: Students are expected to actively participate in class discussions; divided in teams, students will be required to give presentations and submit papers that discuss health policies impacting vulnerable populations.
Course Requirements: In order to be considered for enrollment in the class, students must fill out the student interest form: https:&#x2F;&#x2F;bit.ly&#x2F;3h2RfBC and also request instructor permission to enroll in this course. Applications will be reviewed on a rolling basis through August 26, 2022. Students who are not initially granted admission will be placed on a waitlist.

Requirements:	**Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Social & Behavioral Sciences 299 Section: 1

Science-Driven Innovation in the Early Childhood Ecosystem (191141)

Jack Shonkoff

2022 Fall (5 Credits)		**Schedule:**	W 0900 AM - 1145 AM
Instructor Permissions:	None	**Enrollment Cap:**	20

This class meets at the Graduate School of Education.

The primary aim of this course is to leverage advances in the biological, behavioral, and social sciences to catalyze more effective strategies to strengthen the foundations of healthy development in the early years of life. Drawing on a diversity of perspectives, students will learn how interactions among early experiences, variation in sensitivity to context, and developmental timing shape brain architecture and other biological systems that affect learning, behavior, and lifelong health. Particular attention is focused on how adverse experiences and exposures related to structural inequities (e.g., systemic racism, intergenerational poverty) as well as to individual disruptions of the caregiving environment (e.g., abuse or neglect) are embedded biologically and lead to significant disparities in educational achievement and both

physical and mental well-being. Students from a diversity of backgrounds work on team projects over the course of the semester to explore how enhanced understanding of causal mechanisms that disrupt early development can stimulate fresh thinking and drive innovation in policy and practice to achieve greater impacts at scale on the lives of young children facing adversity.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 300 Section: 1

Independent Study (191142)

Elizabeth Janiak

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 10

Independent Study (191142)

Shoba Ramanadhan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 300 Section: 11

Independent Study (191142)

Shoba Ramanadhan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 12

Independent Study (191142)

Shoba Ramanadhan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 13

Independent Study (191142)

Henning Tiemeier

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 14

Independent Study (191142)

Henning Tiemeier

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 300 Section: 15

Independent Study (191142)

Henning Tiemeier

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 300 Section: 16

Independent Study (191142)

S.V. Subramanian

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 17

Independent Study (191142)

S.V. Subramanian

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 18

Independent Study (191142)

S.V. Subramanian

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 19

Independent Study (191142)

Steve Gortmaker

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 300 Section: 2

Independent Study (191142)

Elizabeth Janiak

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 20

Independent Study (191142)

Steve Gortmaker

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 21

Independent Study (191142)

Steve Gortmaker

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 22

Independent Study (191142)

Clyde Smith

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 23

Independent Study (191142)

Christy Denckla

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 24

Independent Study (191142)

Christy Denckla

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 300 Section: 25

Independent Study (191142)

Christy Denckla

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 28

Independent Study (191142)

Nancy Krieger

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 29

Independent Study (191142)

Nancy Krieger

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 300 Section: 3

Independent Study (191142)

Elizabeth Janiak

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 300 Section: 30

Independent Study (191142)

Nancy Krieger

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 31

Independent Study (191142)

Kasisomayajula Viswanath

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 300 Section: 32

Independent Study (191142)

Kasisomayajula Viswanath

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 33

Independent Study (191142)

Kasisomayajula Viswanath

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 37

Independent Study (191142)

Karen Emmons

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 38

Independent Study (191142)

Karen Emmons

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 39

Independent Study (191142)

Karen Emmons

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 4

Independent Study (191142)

Mary Bassett

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 300 Section: 40

Independent Study (191142)

Barbara Gottlieb

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 300 Section: 41

Independent Study (191142)

Barbara Gottlieb

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 42

Independent Study (191142)

Barbara Gottlieb

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 43

Independent Study (191142)

Margareta Matache

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 300 Section: 44

Independent Study (191142)

Margareta Matache

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 45

Independent Study (191142)

Margareta Matache

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 300 Section: 5

Independent Study (191142)

Mary Bassett

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 55

Independent Study (191142)

Laura Kubzansky

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 56

Independent Study (191142)

Laura Kubzansky

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 57

Independent Study (191142)

Laura Kubzansky

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 6

Independent Study (191142)

Mary Bassett

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 300 Section: 61

Independent Study (191142)

Ichiro Kawachi

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 62

Independent Study (191142)

Ichiro Kawachi

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 63

Independent Study (191142)

Ichiro Kawachi

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 64

Independent Study (191142)

David Williams

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 65

Independent Study (191142)

David Williams

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 300 Section: 66

Independent Study (191142)

David Williams

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 67

Independent Study (191142)

Lisa Berkman

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 68

Independent Study (191142)

Lisa Berkman

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 69

Independent Study (191142)

Lisa Berkman

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 7

Independent Study (191142)

Karestan Koenen

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 70

Independent Study (191142)

Sydney Austin

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 71

Independent Study (191142)

Sydney Austin

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 300 Section: 72

Independent Study (191142)

Sydney Austin

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 76

Independent Study (191142)

Alan Geller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 77

Independent Study (191142)

Alan Geller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 78

Independent Study (191142)

Alan Geller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 79

Independent Study (191142)

Sabra Katz-Wise

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 300 Section: 8

Independent Study (191142)

Karestan Koenen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 80

Independent Study (191142)

Sabra Katz-Wise

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 81

Independent Study (191142)

Sabra Katz-Wise

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 300 Section: 82

Independent Study (191142)

Vaughan Rees

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 83

Independent Study (191142)

Vaughan Rees

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 84

Independent Study (191142)

Vaughan Rees

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 85

Independent Study (191142)

Rebekka Lee

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 300 Section: 86

Independent Study (191142)

Natalie Slopen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 300 Section: 87

Independent Study (191142)

Natalie Slopen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 300 Section: 88

Independent Study (191142)

Natalie Slopen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 300 Section: 9

Independent Study (191142)

Karestan Koenen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 300 Section: 92

Independent Study (191142)

Jarvis Chen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 300 Section: 93

Independent Study (191142)

Jarvis Chen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of

regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 300 Section: 94

Independent Study (191142)

Jarvis Chen

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 311 Section: 1

Teaching Assistant (203322)

Ichiro Kawachi

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 350 Section: 1

Research (191143)

Vaughan Rees

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 350 Section: 10

Research (191143)

Henning Tiemeier

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 350 Section: 11

Research (191143)

Henning Tiemeier

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 12

Research (191143)

Henning Tiemeier

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 13

Research (191143)

S.V. Subramanian

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 15

Research (191143)

S.V. Subramanian

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 16

Research (191143)

Steve Gortmaker

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 17

Research (191143)

Steve Gortmaker

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 18

Research (191143)

Steve Gortmaker

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 19

Research (191143)

Elizabeth Janiak

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 350 Section: 2

Research (191143)

Vaughan Rees

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt

HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 20

Research (191143)

Elizabeth Janiak

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 350 Section: 21

Research (191143)

Elizabeth Janiak

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 350 Section: 22

Research (191143)

Nancy Krieger

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 23

Research (191143)

Nancy Krieger

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 24

Research (191143)

Nancy Krieger

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 25

Research (191143)

Kasisomayajula Viswanath

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 26

Research (191143)

Kasisomayajula Viswanath

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 27

Research (191143)

Kasisomayajula Viswanath

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 28

Research (191143)

Sabra Katz-Wise

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 29

Research (191143)

Sabra Katz-Wise

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 3

Research (191143)

Vaughan Rees

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 350 Section: 30

Research (191143)

Sabra Katz-Wise

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 38

Research (191143)

Laura Kubzansky

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 39

Research (191143)

Laura Kubzansky

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 4

Research (191143)

Karestan Koenen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 40

Research (191143)

Laura Kubzansky

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 41

Research (191143)

Shoba Ramanadhan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 350 Section: 42

Research (191143)

Shoba Ramanadhan

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 43

Research (191143)

Shoba Ramanadhan

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 44

Research (191143)

Ichiro Kawachi

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 45

Research (191143)

Ichiro Kawachi

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 46

Research (191143)

Ichiro Kawachi

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 47

Research (191143)

David Williams

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 350 Section: 48

Research (191143)

David Williams

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 350 Section: 49

Research (191143)

David Williams

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 350 Section: 5

Research (191143)

Karestan Koenen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences **350** Section: 50

Research (191143)

Lisa Berkman

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences **350** Section: 51

Research (191143)

Lisa Berkman

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences **350** Section: 52

Research (191143)

Lisa Berkman

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 53

Research (191143)

Sydney Austin

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 54

Research (191143)

Sydney Austin

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 350 Section: 55

Research (191143)

Sydney Austin

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 6

Research (191143)

Karestan Koenen

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 7

Research (191143)

Karen Emmons

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 350 Section: 70

Research (191143)

Barbara Gottlieb

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 350 Section: 71

Research (191143)

Barbara Gottlieb

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 72

Research (191143)

Barbara Gottlieb

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 73

Research (191143)

Alan Geller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 74

Research (191143)

Alan Geller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 75

Research (191143)

Alan Geller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 76

Research (191143)

Natalie Slopen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 78

Research (191143)

Jarvis Chen

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are

undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	**Value(s)**
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 350 Section: 8

Research (191143)

Karen Emmons

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	**Value(s)**
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 9

Research (191143)

Karen Emmons

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	**Value(s)**
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 360 Section: 1

Maternal and Child Health/Children, Youth and Families Seminar (191144)

Jonathan Litt

2022 Fall (0.63 Credits) **Schedule:** T 0101 PM - 0150 PM

Instructor Permissions: None **Enrollment Cap:** 70

This course is taken twice for a total of 1.26 Pass/Fail credits (0.63 in the Fall and 0.63 in the Spring)

Weekly seminar on topics in Maternal and Child Health/Children, Youth and Families.

Required for: doctoral students either majoring or minoring in Maternal Child Health/Children Youth and Families (MCH/CYF) until they defend their thesis; masters students concentrating in MCH/CYF for the duration of their program. The MCF/CYF concentration in open to masters and doctoral students in all departments at the Harvard T.H. Chan School of Public Health.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 1

Non-Resident Research (191147)

S.V. Subramanian

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 400 Section: 10

Non-Resident Research (191147)

Erin Driver-Linn

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 400 Section: 2

Non-Resident Research (191147)

Kasisomayajula Viswanath

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 400 Section: 3

Non-Resident Research (191147)

Alan Geller

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 4

Non-Resident Research (191147)

David Williams

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 400 Section: 5

Non-Resident Research (191147)

David Williams

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 400 Section: 6

Non-Resident Research (191147)

David Williams

2022 Fall (0 Credits)		**Schedule:**	TBD
Instructor Permissions:	Instructor	**Enrollment Cap:**	n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 400 Section: 7

Non-Resident Research (191147)

Sydney Austin

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 400 Section: 8

Non-Resident Research (191147)

Sydney Austin

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 400 Section: 9

Non-Resident Research (191147)

Sydney Austin

2022 Fall (0 Credits) **Schedule:** TBD

Instructor Permissions: Instructor **Enrollment Cap:** n/a

For doctoral candidates who have passed their Written Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: **Course Restricted to students who have passed their Oral Exam**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 504 Section: 1

Substance Use and Public Health (191151)

Vaughan Rees

2022 Fall (2.5 Credits) **Schedule:** TR 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 30

Substance use is a major public health problem which impacts individuals and society on multiple levels. The purpose of this course is to develop an understanding of factors that contribute to substance use, its consequences, and strategies to reduce or prevent harm. The course will cover the biological, psychological and social underpinnings of substance use behavior, and the nature and scope of this public health problem. Drug effects, prevalence of use and health outcomes, evidence-based treatment and prevention approaches, and public policy options will be contrasted for major licit and illicit abused substances. Students will use this background to critically evaluate national and international drug policies.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Social & Behavioral Sciences 506 Section: 1

An Intro to History, Politics, & Public Health: Theories of Disease Distr. & Health Inequities (191153)

Nancy Krieger

2022 Fall (2.5 Credits) **Schedule:** F 0930 AM - 1230 PM

Instructor Permissions: None **Enrollment Cap:** 64

This course offers an introduction to the social and scientific contexts, content, and implications of theories of disease distribution, past and present. It considers how these theories shape questions people

ask about--and explanations and interventions they offer for--patterns of health, disease, and well-being in their societies. Designed for both master level and doctoral level students, SBS 506 also serves a pre-requisite for SBS 507, the in-depth continuation of the course required for SBS doctoral students. SBS 506 accordingly begins by reviewing the role of theory in the production of scientific knowledge. It next introduces both text-based theories of disease distribution developed in ancient Greece and China, and also oral traditions reflecting diverse American Indian, Latin American, African, and medieval European explanations of disease distribution, followed by an overview of theories employed during the rise of epidemiology as a distinct discipline in both Europe and the United States, from 1700 to 1950. It then introduces current theories and controversies, and employs selected case examples to illustrate their application to--and implications for understanding--current and changing population distributions of disease and health inequities, especially in relation to class, race/ethnicity, gender, and sexuality. Emphasizing relationships between epidemiologic theory and practice, theories and frameworks covered include: miasma, contagion, germ theory, biomedical model, lifestyle, social production of disease/political economy of health, Latin American social medicine, health & human rights, social determinants of health, population health, psychosocial, lifecourse, and ecosocial theory.

Class Notes:

SBS 506 enrollment will end on Tuesday September 6, 2022 at 4:00pm (i.e., first Tuesday after the first Friday session of the course). After that time students will not be able to perform any enrollment transactions (including adding, dropping, or changing enrollment)

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PHD PHS, SBS SM1
Wave 2 | MPH45 HSB, MPH 65 HSB, & Wave 1
Wave 3 | Open Enrollment

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Priority Wave Timing
Wave 1 | 8/11/2022 11:00AM – 8/21/2022 11:59PM
Wave 2 | 8/22/2022 12:00AM – 8/25/2022 11:59PM
Wave 3 | 8/26/2022 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

****Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course**

Requirements:

Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
Course Search Attributes	Display Only in Course Search

All: Cross Reg Availability	Available for Harvard Cross Registration

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Social & Behavioral Sciences 507 Section: 1

Adv Sem on History, Politics, and Public Health: Theories of Disease Distr and Health Inequities (191154)

Nancy Krieger

2022 Fall (2.5 Credits)		**Schedule:**	F 0930 AM - 1230 PM
Instructor Permissions:	Instructor	**Enrollment Cap:**	20

This course builds on the prerequisite course SBS 506 and its critical focus on theories of disease distribution, past and present. Intended for doctoral students (and required of SBS doctoral students), SBS 507 deepens historical and present-day understanding of contemporary mainstream theories of disease distribution and their social epidemiologic alternatives. Pairing 20th and 21st CE historical and contemporary books (not articles!), the course both builds substantive knowledge regarding the content and public health implications of diverse theories of disease distributions while also developing skills in conducting literature searches about and engaging with complex scholarly arguments and discourse. Course Prerequisites: SBS506 (or SHDH506) required

Requirements: **Prerequisite: SBS/SHDH506**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 515 Section: 1

Health Literacy: Measuring Accessibility and Usability of Health Information (191162)

Lindsay Rosenfeld

2022 Fall (2.5 Credits)		**Schedule:**	MW 0200 PM - 0330 PM
Instructor Permissions:	None	**Enrollment Cap:**	30

Health literacy is a powerful tool for health equity. Healthy People 2030 emphasizes the importance of personal and organizational health literacy. It specifically calls out the responsibility of organizations to create processes and environments [CH1] in which information is accessible and usable. This course emphasizes research and measurement focused on the assessment of health and health-related information (e.g., print, video, online). Participants will be able to identify and analyze factors that ease or inhibit reading, comprehension, and use of health and health-related information to accomplish specific tasks&#x2F;make decisions. Participants will build skills in text and task analysis and apply available tools for information assessment. Participants will become familiar with the research literature related to the development of various tools, be prepared to analyze strengths and weaknesses of existing materials and be poised to contribute to on-going developments in research and practice. In addition, lessons learned in class will be applied to the development and design of health, and health-related, information, considering its role specifically in health, and health-related, systems. Students will have the opportunity to analyze (health) organizations' materials using skills learned. Field work assessments will be submitted as a class assignment and as a report to the host site, as appropriate.

The course will be open to students at the HSPH, HSDM, and HMS as well as other Harvard affiliates. It is not available to audit.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Social & Behavioral Sciences 516 Section: 1

Organizational Health Literacy: Issues and Assessment (191163)

Lindsay Rosenfeld

2022 Fall (2.5 Credits) **Schedule:** MW 0200 PM - 0330 PM

Instructor Permissions: None **Enrollment Cap:** 25

Organizational health literacy focuses on the responsibility of systems and organizations to equitably enable individuals to find, understand, and use information and services to inform health-related decisions and actions for themselves and others (Healthy People 2030). As such, it is a powerful tool for health equity. Clarity, dignified dialogue, democratization of knowledge, and equitable access to and use of services and resources are health literacy hallmarks. The course explores developments in the field of health literacy studies, from an early focus on individual literacy skills to the current focus on policy, practice, information, expectations, and navigation (e.g. online, accessing service systems, finding one's way to&#x2F;in a physical place). Accordingly, the course focuses on how we can identify and modify structural barriers in health, and health-related, institutions and systems. Participants will 1) engage in critical analyses of the literature, 2) examine, critique, and learn to use available measures, 3) consider the adaptation of organizational health literacy measures beyond health(care), and 4) engage in field work. They will participate in small and large group discussion as well as multiple field work opportunities. In-person and virtual field work options will be offered. A variety of written assignments and a presentation are designed to ready participants to bring organizational health literacy to the center of health equity work in research and practice settings.
The course will be open to students at the HSPH, HSDM, and HMS as well as other Harvard affiliates. It is not available to audit.

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 521 Section: 1

Qualitative Data Analysis for Public Health (205041)

Shoba Ramanadhan
Anna Revette

2022 Fall (2.5 Credits) **Schedule:** TR 1130 AM - 0100 PM

Instructor Permissions: None **Enrollment Cap:** 17

This intermediate seminar focuses on the analysis of qualitative data in public health. The course covers a range of approaches to the analysis of textual data, such as from interview and focus group transcripts. The course focuses on thematic analysis, but also touches upon grounded theory, framework analysis and hybrid approaches to qualitative data analysis. Students will learn practical skills involved in qualitative data analysis, including developing a codebook, coding transcripts using software, writing memos, identifying themes from the data, and building conceptual models. The course also addresses issues of ethics in the context of research with marginalized populations and discusses team-based and participatory approaches to qualitative data analysis. Class sessions focus on active learning and include lectures, large and small group discussions, practice coding and summarizing data, article critiques, student presentations, and guest lectures. This course is open to masters and doctoral students who meet the prerequisites.
Pre-requisites: SBS288 or GHP504 or DRPH200 or S-063 or another qualitative research methods course&#x2F;prior qualitative research experience (by permission of instructor)

Class Notes:	**A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**
Requirements:	**Prerequisites: SBS 288 or GHP 504 or DRPH 200 or EDU S063 or another qualitative research methods course/prior qualitative research experience (by permission of the instructor)**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 945A Section: 1

Applied Practice and Integrative Learning Experience for Health and Social Behavior (HSB-MPH-45) (205615)

Clyde Smith

2022 Fall (1.25 Credits)		**Schedule:**	F 0200 PM - 0330 PM
Instructor Permissions:	None	**Enrollment Cap:**	35

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

Addresses the professional training needs of MPH students who plan to pursue leadership positions in the public sector or in community health. Students, individually or in small groups, undertake fieldwork in public or community health agencies. They apply managerial and analytic techniques developed in the concentration to the solution of problems confronting these agencies. Students meet with advisors from Harvard Chan and their host agency throughout the field placement. Class sessions explore the practice of public and community health through case studies, readings and hands-on activities.

Course Activities: Field work, written and oral project report, periodical email updates and reflections to the instructor.

Grade and Credit Units Note: SBS 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in SBS 945 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in SBS 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from SBS 945A will not be reflected in the

student's transcript when the "IP" grade is present.
When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from SBS 945.

Requirements:	**Course Restricted to students in the MPH45 Health and Social Behavior program**

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
HSPH: Course Material Fee Tier	< $25
eForm Autosubmitter	Auto Submitter
Full Year Course	Indivisible Course
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 965F Section: 1

Applied Practice and Integrative Learning Experience for Health and Social Behavior (MPH65) (205562)

Alan Geller

2022 Fall (1.25 Credits)		**Schedule:**	T 0530 PM - 0700 PM
Instructor Permissions:	None	**Enrollment Cap:**	27

All students completing a Master of Public Health degree must complete a Practicum and a Culminating Experience. This course is designed to address these two degree requirements through the integration and synthesis of competencies gained during the MPH-HSB 65 degree program through coursework and field practice. The course will also provide guidance to students as they seek employment and will include seminars on salary negotiation, resume writing, and job-seeking.

Registration Note: This course is restricted to MPH-HSB 65 students in their final semester.

Requirements:	**Restricted to MPH-HSB 65 students in their final semester.**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration

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Social & Behavioral Sciences 980A Section: 1

SBS Doctoral Seminar (218908)

Laura Kubzansky

2022 Fall (1.25 Credits)		**Schedule:**	R 0100 PM - 0150 PM
Instructor Permissions:	None	**Enrollment Cap:**	50

The SBS Doctoral Seminar is designed to provide students with an opportunity to connect across cohorts,

explore topics covered in their doctoral-level coursework in more depth, develop and practice critical professional skills (e.g., grant writing, research development, science communication, CV&#x2F;cover letter writing), and present their on-going research for feedback from their peers. A 50-minute seminar will be held every week, and content will be split between a student work-in-progress presentation and an interactive discussion&#x2F;presentation led by the facilitator addressing topics relating to navigating the doctoral program in SBS (including relevant program milestones, like the written exam, dissertation proposal, oral exam, and dissertation defense), the conduct of social and behavioral research, and career development. Topics will be identified by the postdoc facilitator and students at the start of the year, with additional guidance provided by the faculty sponsor. The seminar will meet weekly and will be open to SBS PHS&#x2F;PhD students across all years of the program.

Grade and Credit Units Note: SBS 980 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in SBS 980 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in SBS 980A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from SBS 980.

Requirements: **HSPH: PW PHS SBS**

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Subject: Women, Gender & Health

Women, Gender & Health 201 Section: 1

Reproductive Health, Rights, and Justice (211166)

Elizabeth Janiak

2022 Fall (2.5 Credits) **Schedule:** R 0200 PM - 0500 PM

Instructor Permissions: None **Enrollment Cap:** 20

This interdisciplinary course will explore the politics of reproductive health and health care delivery, both in the US and globally, with a particular focus on how reproduction and related clinical care are shaped by and in turn shape social inequality along axes of race, gender, and social class. The course will intertwine three threads: 1) major conceptual and theoretical issues foundational to understanding the politics and epidemiology of reproduction; 2) contemporary and historical perspectives on specific reproductive phenomena and events (preventing pregnancy, terminating pregnancy, sustaining pregnancy, and giving birth); 3) social movements organized around reproductive health (e.g. anti-abortion, reproductive justice movements).

Class Notes: **A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.**

Requirements: **Students outside of HSPH must request instructor permission to enroll in this course**

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25